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Commercial News USA

ANNUAL DIRECTORY 1985

U.S. DEPARTMENT OF COMMERCE
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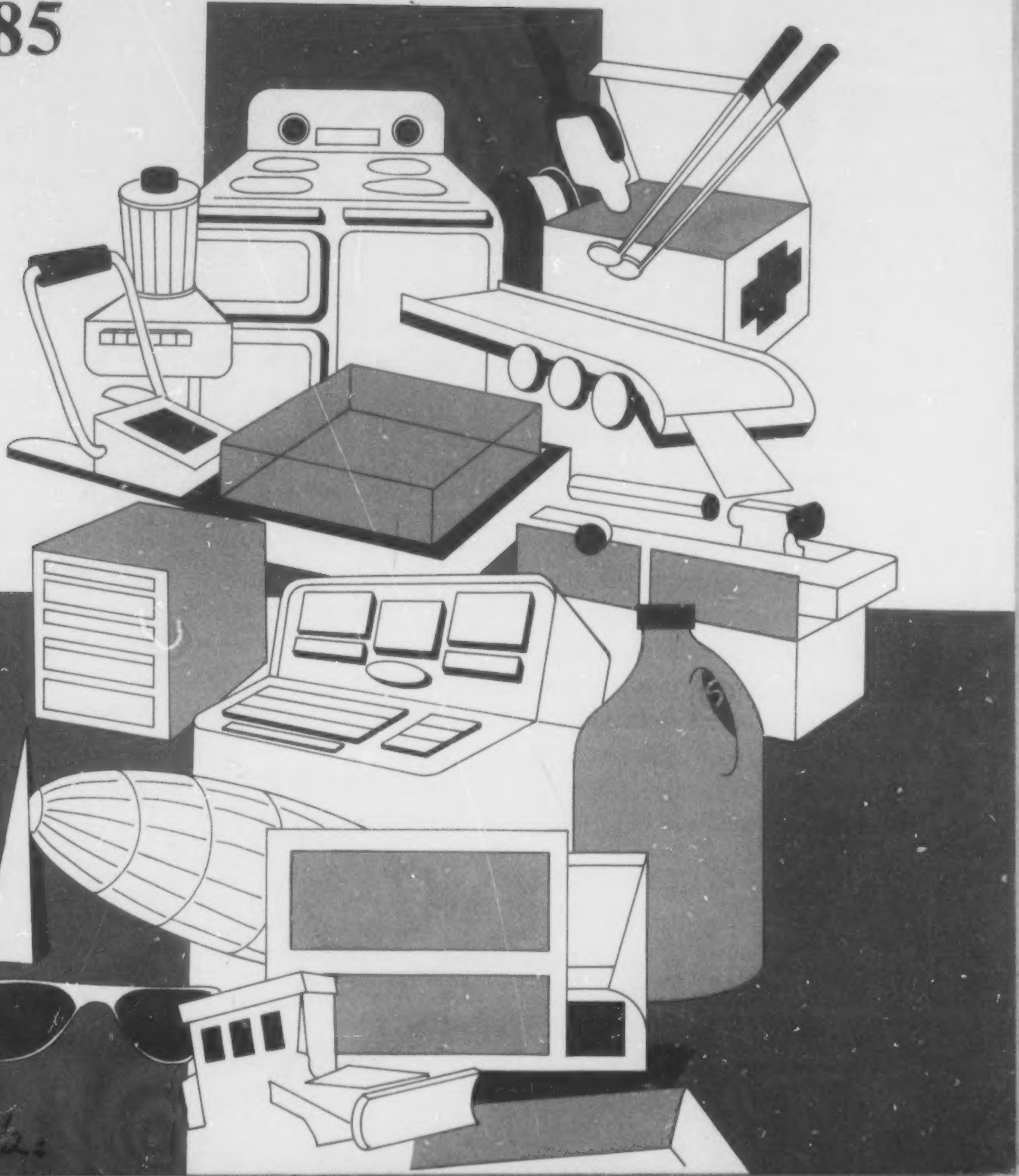

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Commercial News USA

Annual Directory 1985

This directory is a cumulative list of all product descriptions published in COMMERCIAL NEWS USA from January through December 1985. It is a convenient guide to U.S. products available for export. Distributed primarily to U.S. commercial officers promoting U.S. products to business communities overseas, it is also available in commercial libraries of American Chambers of Commerce abroad and in the U.S. Department of Commerce District Offices throughout the United States. This directory supplements the Annual Directories for 1979, 1980, 1981, 1982, 1983, and 1984.

The product listings in COMMERCIAL NEWS USA and in this directory are intended to generate inquiries from interested importers directly to the manufacturer of U.S. products, or to the provider of services. The listings are reprinted in this publication as they originally appeared, except that all known errors have been corrected. While we believe that all of the information in this directory is accurate and complete, some companies listed may no longer be in business or engaged in exporting.

Every effort has been made to insure that the products in this publication are categorized appropriately. However, there may be some products with applicability in multiple categories. In such cases, final determination of the category is based on the preference of the manufacturer. The material in the directory may be reproduced freely outside the United States without specific permission. However, the listings here are not meant for republication in post commercial newsletters, and, because of this, no photos have been included.

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Agricultural

NEW CONCENTRATE PREVENTS CROSS CONTAMINATION — In dairies, isolation wards, holding areas, and any facilities where the prevention of cross contamination is imperative, "Spectracide10" can be used. This specially formulated concentrate is described as efficient and cost-effective in promoting thorough sanitation for premises and equipment. The price ranges from $6 to $11/3.8 liters. WRITE: Frank Zurek, Bio Med Laboratories, Dept. CN, 355 Sherman, Ste. 410, St. Paul, Minnesota 55102 U.S.A.

POULTRY WING BAND SEALS EASILY — Poultry farmers and others involved in poultry research and breeding will be interested in the "Tab-End Wing Band." This band is quickly inserted through the wing web at the elbow joint, then sealed by pushing the tab through the hole in the band and bending the tab and point to complete the seal. No applicator is needed, yet the band is said to be a secure, accurate method of marking baby chickens. These tabs are made of strong yet light aluminum, plain or colored, and can be numbered and coded with large, easily read characters. Distributors and agents are desired for these tabs which are priced from $25 to $35/thousand. WRITE: Linda Collins, Sales, National Band & Tag Co., Dept. CN, 721 York St., P.O. Box 430, Newport, Kentucky 41072-0430 U.S.A.

IRRIGATION SYSTEM HELPS CULTIVATE DRY LAND — The "Competitor Center Pivot" is designed for farmers and farm management companies. It draws water from lakes, rivers, or acquifiers, and is programmed to distribute it evenly over any size field. The equipment's ability to operate over rough land is said to reduce or eliminate ground preparation for irrigation. Other features include easy operation and minimum maintenance. When use of this irrigation machine is combined with proper seed selection and fertilization and weed control applications through the equipment, pivot irrigation can yield bountiful harvests, the firm says. The price is $20,000 to $35,000. The company is seeking agents. WRITE: William C. Anderson, Marketing Mgr., Energro-Olson, Inc., Dept. CN, P.O. Box 520, Atkinson, Nebraska 68713 U.S.A. Telex: 29-8021.

UNIT UTILIZES DITCH TO IRRIGATE — Farmers can use standard tractors (65 to 80 HP) and this firm's "Hurricane 1000" to facilitate the irrigation of up to 50 hectares without the expense of infrastructure, pipe, cables or fixed heavy equipment investment. The "Hurricane 1000" utilizes a ditch, no deeper than 38 cm and no wider than 1 m wide, which can be as long as the field and in a curved form. The unit drags a dam through the ditch, retaining and conserving water. The firm claims that, with the "Hurricane 1000," the farmer who now flood-irrigates can irrigate twice as much land with fewer people in one-third the time required and at less than one-half the cost. The unit can be easily towed by any vehicle and is easy to maneuver. Agents and distributors are sought for this product which is priced at $12,000. WRITE: Carlos Gomez-Meade, Pres., Intl. Sales, Continental Farm Equipment Co., Inc., Dept. CN, P.O. Box 21824, Denver, Colorado 80221 U.S.A. Telex: 45-0721 Cable: CFARMEQUIP DVR.

SEALED STORAGE FOR TOP QUALITY SILAGE — Farm operators will be interested in the "Ag & Grain Bagger" for compacting high-moisture grains, forages and wheat by means of a new system of sealed storage. The result is high-moisture, top-quality silage that will cut feed costs and improve nutrition. The bag, which is made of specialized heat- and sun-resistant plastic, remains in the field and can provide sealed storage for any size feeding or crop storage operation. The "Ag & Grain Bagger," pictured with the dump table attachment, is motorized, has a hydraulic disc cable braking system, and dual wheels on all four axles. The price of this bagger with optional attachments ranges from $6,500 to $61,000. WRITE: Hans Walti, Intl. Mktg., Ag-Bag Corp., Dept. CN, P.O. Box 418, Astoria, Oregon 97103 U.S.A. Telex: 36-0966.

HYDRAULIC DRILLING RIG — The "Buck Rogers Model 760 Drilling Rig" uses an all-hydraulic top head rotary drive drilling system, with water or air for removal of cuttings from the hole. This trailer-mounted rig can be used to drill for water or for exploratory shot hole, and geothermal drilling. It comes complete with lights, hydraulic vice, hydraulic breakout tool, 17.15-cm drag bit, and 3.05 m drill stem, and is easy to operate and maintain. The firm is seeking agents, distributors and licensees for this drilling rig which is priced at $50,000. WRITE: Dave King, Factory Rep., Olathe Mfg., Inc., Dept. CN, 100 Industrial Parkway, Industrial Airport, Kansas 66031-0017 U.S.A.

TRANSAXLE FOR SMALL VEHICLES — The "Series 1150 Transaxle" is designed for small vehicle propulsion with a maximum of 20.28 hp. Constructed with the Model 11 Pump and two Char-Lynn 2000 Series motors, it can be used in lawn tractors, utility vehicles, lift trucks and golf carts, among others. This propelling system is said to offer several advantages over the conventional hydrostatic transmission/mechanical axle devices. It features simplified assembly because of minimum plumbing requirements and increased efficiency through elimination of all gears. Other features are compact size, power take-off capability and design flexibility. WRITE: William D. Potterf, Intl. Mktg. Mgr., Eaton Corp., Dept. CN, Hydraulics Division, 15151 Hwy. 5, Eden Prairie, Minnesota 55344 U.S.A. Telex: 29-0487. Cable: EATONCHRLN.

WATER-SAVING IRRIGATION — The "Drip Irrigation System" is designed for the irrigation of landscape projects and agricultural crops. It saves water, labor and produces a quicker crop, according to the firm. This irrigation system consists of single and multiple outlet emitters, PVC flexible hose, pressure regulators and line strainers. The emitters are available in several different flowrates, fully pressure compensated to maintain flowrate over a range of pressures. Self flushing minimizes the problem of emitter clogging. Made with a high quality PVC, the hose has high flexibility, memory and resistance to crushing, kinking, algae and wear. WRITE: Samuel Tobey, Pres., Salco Products, Inc., Dept. CN, 4463 W. Rosecrans Ave., Hawthorne, California 90250 U.S.A. Telex: 66-4643.

FURROW BLOCKER FACILITATES IRRIGATION — The "Buffalo Model 11 Furrow Blocker" has been developed to control the costs of open field, orchard or vineyard irrigation. Simple to operate, the "Buffalo" can be used with overhead sprinkler system, rainfall or flood irrigation to trap and hold irrigation water until the moisture is absorbed by the ground. The "Buffalo," which operates with low horse power requirements, also features low maintenance cost and no driving attachments. This product is recommended for anyone involved in agriculture. It sells from $740 to $7,000. WRITE: Jack H. Nikkel, Vice Pres., Nikkel Iron Works, Inc., Dept. CN, P.O. Box 608, Shafter, California 93263-0608 U.S.A.

TRACTOR CAB AIR PRECLEANER — The "R.W. CabGuard" is a precleaner for air filtration in the cabs of tractors and combines. It extends filter life and reduces air conditioning maintenance by removing dust, dirt and moisture. Made with no moving parts, the "Cabguard" is also durable. The price of this product ranges from $200 to $500. WRITE: Chuck Allwin, Vice Pres., Mktg, Accessory Sales, Inc., Dept. CN, P.O. Box 160, Kimball, Nebraska 69145 U.S.A.

FERMENTATION CONTROL AGENT — "Ensilo-Mix" produces efficient fermentation in all types of silages, haylages, and high- moisture ground grains, resulting in up to 50 percent less shrinkage, the firm states. Easy to apply, the fastacting enzyme additive improves the aroma and palatability of the silage. Benefits also include longer bunk life; reduction of secondary fermentation; consistently reduced spoilage; and the reduction of nutrient loss. The price ranges from $.40 to $.45/kg. WRITE: Richard L. Loomis, Pres., Loomix, Inc., Dept. CN, 405 E. Branch, P.0. Box 490, Arroyo Grande, California 93420 U.S.A.

CLEANER FOR IRRIGATION DITCHES — The "Irrigation Waterway Cleaner" is designed to clean silt and vegetation from cement-lined waterways. Constructed of square steel tubing and galvanized sheet metal, the water-propelled device has sides that adjust to the side slope of the waterway. Available for up to 4.6-m bottom waterways, it can be custom built for larger ditches. Distributors and agents are sought for this maintenance-free cleaning tool, which is priced from $250. WRITE: Bruce Marshall, Vice Pres., VMG Industries, Dept. CN, 858 Grand Ave., Grand Junction, Colorado 81502 U.S.A. Telex: 45-0711.

FERTILIZER INJECTOR — "Agrimix" is described as an efficient and economical fertilizer injector for drip and conventional irrigation systems. The tank is constructed of PVC and has a capacity of 3.8 liters. The system operates on a pressure differential concept, mixing water with either wet or dry fertilizer, then injecting it back into the mainstream. Commission representatives are sought for this $200 unit and for the firm's other drip irrigation products. WRITE: Thomas F. Strong, Trickle Soak Systems, P.0. Box 38, Santee, California 92071 U.S.A.

LIQUID SUPPLEMENT IMPROVES EGG SHELLS — Installed in-line to the watering system, "Carboflow" increases egg shell thickness for older laying hens and eliminates egg breakage due to high ambient heat stress. Designed to replace costly, inconsistent solid food supplements, this patented process automatically waters thousands of egg-laying hens, offering a 10 percent increase in marketable eggs, according to the firm, which seeks representation worldwide. WRITE: Michael B. Upperman, Carboflow Systems, Inc., Dept. CN, 2040 N. 16th St., Ste. B, Phoenix, Arizona 85006 U.S.A.

LIQUID FUNGICIDE PROTECTS GRAIN — Registered with the EPA and FDA, "Force V" inhibits the growth of mold, mildew, and fungi that cause Mycotoxin and Alfatoxin. Used in all types of grain, this energy-saving dust control chemical is said to permit safe storage of grain with up to 30 percent moisture content. Agents are sought for this product, which costs $11/3.8 liters. Spray dispensing units are available. Jim E. Nayfa, Pres., Stop-Shock, Inc., Dept, CN, 5051 Sharp St., Dallas, Texas 75247 U.S.A. Telex: 73-2750.

CONTROLLED RELEASE FERTILIZER PACKET — "The Unique Feeder" is designed to feed all trees, shrubs, and evergreens for periods up to three, five, and eight years without refeeding. Placed unopened into the soil, the sealed polyethylene fertilizer packet releases nutrients at a controlled rate during the growing season. Safe and easy to use, it said to increase growth up to 25 percent. Agents and distributors are sought. WRITE: Lou Vargo, Pres., Unique Fertilizers, Inc., Dept. CN, P.O. Box 99, Deptford, New Jersey 08096 U.S.A. Telex: (0230) 75-9044 UNIQUE UD.

HIGH-CAPACITY FOAM MARKING SYSTEM — Designed to eliminate overlaps and skips when spraying or planting, the "Trailblazer" marks a three dimensional path of foam that shows exactly where the operator has been. Equipped with a powerful new motor, this system fits all types of sprayers and planters, and covers 100 acres per tank load at less than 5 cents per acre, according to the firm, which seeks agents and distributors. The price ranges from $1,200 to $1,400. WRITE: Rita Sheehan, Mktg. Mgr., Precision Laboratories, Inc., Dept. CN, P.O. Box 127, Northbrook, Illinois 60065 U.S.A. Telex: 21-0210 WRLD UR.

SOLID-STATE ELECTRONIC SEED COUNTER — Versatile and accurate, the "Count-A-Pak Seed Counter" can be operated by anyone. Available feeders are 17 and 25 cm for seed sizes from small vegetable to large grain, and 12 cm for the finest seeds. A sensitive bar graph gauge display quickly indicates when variables begin to affect count accuracy. The price ranges from $4,575 to $5,500, and a free catalog is available. WRITE: Gordon B. Phillips, Pres., Seedburo Equipment Co., Intl. Div., Dept. CN, 1022 W. Jackson Blvd., Chicago, Illinois 60607 U.S.A. Telex: 27-0378. Cable: SEEDBURO CHGO.

VETERINARY HEALING AGENT — "Bioxy" positively influences the animal's immune system by stimulating macrophage activity, the firm states. This formula, which may be added to animal feed, contains chlorine oxides, which are known to act as bactericidal, fungicidal and virucidal agents. Low toxicity is another advantage of this product, according to its manufacturer. Agents are sought for this product, which costs from $75 to $150. WRITE: Monica Mua'e, Monica Mua'e International Sales, Dept. CN, P.O. Box 345, Torrance, California 90508-0345 U.S.A.

AIR CUSHION FOR GRAIN TRANSFER — Bulk cereal grains, feeds, and pellets can be easily transferred from storage or from transporting vehicles without damage with the "Vac-U-Vator Model 1063." The unit provides an air cushion for grain transfer. Its capacity to move 4,200 bu/h requires little horsepower, according to the manufacturer, and its lightweight, 15.24-cm aluminum piping can be easily handled by one individual. The firm seeks agents and distributors for this $35,000 machine. WRITE: Peter Theis, Asst. to the Pres., Dunbar Kapple International, Dept. CN, 969 Hall Park Dr., P.O. Drawer F, Green Cove Springs, Florida 32043 U.S.A. Telex: 56-370. Cable: DUNBAR.

EFFICIENT FEED GRINDER — Round hay bales, loose hay, ear corn, shelled corn, stover, or small grains can be ground into mixable feed in one operation with the "XG30 Tub Grinder." This $12,628 machine eliminates feed waste and features a long rotor for grindng efficiency, a hydraulic governor for easy access, long-lasting, free-swinging hammers, and a wide undermill conveyor for high capacity-grinding for large hay bales. Particle reduction sizes can be chosen by the user, since 16 different grinding screens are available. Agents are sought. WRITE: Bill Crooks, Dir. of Intl. Mktg., Farmhand, Inc., Dept. CN, 6421 Hazeltine Blvd., Excelsior, Minnesota 55331 U.S.A. Telex: 29-0764.

SINGLE UNIT FRUIT HARVESTER — The "Kilby One Piece Harvester" virtually eliminates fruit loss, according to the firm. Priced from $80,000 to $115,000, this machine operates straight down the orchard row without having to back away from trees. It is said to be fast, efficient, and adaptable to various orchard spacings. WRITE: Frank Heinrich, Sales Mgr., Kilby Manufacturing Co., Dept. CN, 286 W. Evans Reimer Rd., Gridley, California 95948 U.S.A.

INCREASED CUTTING CAPACITY FOR SMALL TRACTORS — The "Bush Hog Rotary Cutter Series 3100" is said to provide small tractors with the ability to cut grass and brush up to 51 mm in diameter. Its box section construction gives the cutter more strength while reducing weight, allowing small tractors to pull large cutters. An engine with at least 40 hp is required for the cutter, priced from $3,700. WRITE: Santiago Lopez, Pres., Allied Products Corp., Bush Hog Intl. Div., Dept. CN, 3900 NW. 79th Ave., Ste. 320, Miami, Florida 33166 U.S.A. TWX: 810-845-4052. Telex: 44-1875. Cable: BUSH HOG INTL. Target: [4] [5] [6] [7] [8]

LOADER HAS HYDROSTATIC DRIVE — Designed for use in the fertilizer industry, the "Dipper 4 x 4 Mobility Loader" comes with either a gasoline or diesel engine and is said to be easy to use. This powerful, maneuverable loader also features hydrostatic four-wheel drive, single-lever bucket control, stainless steel fenders, fiberglass hood, explosion-proof alternator, and an overhead safety guard. The firm seeks agents for the $20,000 machine. WRITE: Ray Poage, Sales Mgr., Mobility, Dept. CN, P.O. Box 209, Hwy. 12 W., Long Lake, Minnesota 55356 U.S.A.

BELT CONVEYS IN TWO DIRECTIONS — This central-drive or end-drive belt conveyor can move up to 50 bushels of feed/min, depending on type of feed and elevation. The "Patz Belt Conveyor" has been specially designed for reliability in hot or cold weather, and, because it features a reversing drive, it can convey feed in either direction. Agents are sought for this rust-resistant, durable conveyor, which is priced from $1,100 to $6,000. WRITE: Dean Bork, Mktg. Services Mgr., Patz Sales, Inc., Dept. CN, Hwy. 141, Pound, Wisconsin 54161-0007 U.S.A.

MACHINE MOVES ORCHARD BINS — Fruit and nut growers can use the "Kilby 'Bin Saver' Bin Carrier" to move bins into and out of their orchards. Powered rubber rollers pick up and move the bins to the main conveyor without damaging them, and they are then carried on chains under the bin's side rails, not on their bottoms. As a result, bins last longer and require less frequent repairs. The bin carrier, priced from $36,000 to $45,000, is said to be capable of doing the work of several forklifts. WRITE: Frank Heinrich, Sales Mgr., Kilby Manufacturing Co., Dept. CN, 286 W. Evans Reimer Rd., Gridley, California 95948 U.S.A.

MICROPROCESSOR CONTROLS SOIL MOISTURE — The "Miser Control Microprocessor" monitors soil moisture through sensors, allowing irrigation only where water is needed. The microprocessor can be interfaced with a computer for remote monitoring and control, and works on a "feed on need" basis, rather than a timetable. As a result, it enables the user to irrigate with greater accuracy. Distributors are sought for the $500 system. WRITE: Philip M. Lazarus, ExxUS International, Dept. CN, 861 6th Ave., Ste. 720, San Diego, California 92101 U.S.A.

COUPLER FOR IRRIGATION SYSTEMS — The "NI Belted Coupler" is designed to absorb driveline shock and misalignment. Used on center pivot and lateral move irrigation systems, the coupler fits many shaft sizes and can be used in low-speed, high-torque situations where starting and stopping shock can be a problem. Agents and distributors are sought for this product, which costs from $10 to $15. WRITE: Roger Bettenhausen, Pres., Nebraska Irrigation Inc., Dept. CN, 1005 17th St., P.O. Box 817, Columbus, Nebraska 68601 U.S.A. Telex: 70-4812.

CONVENIENT IRRIGATION TIMER — This firm's "Agricultural Timer," priced from $20 to $35, is easy to install and involves no wires or tubes. Agents are sought for this product, which can be used by irrigation engineers, builders, and growers for water distribution into many zones. The product may be fully automated. WRITE: Bill Hutcheon, Intl. Sales Mgr., K-Rain Manufacturing, Dept. CN, 1640 Australian Ave., Riviera Beach, Florida 33404 U.S.A.

LIGHTWEIGHT IRRIGATION HOSE — Described as highly abrasion-resistant, this firm's "Type 110 Durathane Hose" is constructed of polyester fibers which are specially woven to eliminate snaking when pressurized. Agents are sought for this weather-resistant, durable hose, which is available in any length required. WRITE: Harold E. Harrington, Pres., Snap-tite Hose, Inc., Dept. CN, 201 Titusville Rd., Union City, Pennsylvania 16438 U.S.A. Telex: 91-4553.

LOW-COST IRRIGATION VALVE — Soil erosion at the base of irrigation pipes can be controlled with this firm's "Aqua Control Valve." Priced at $2.25, this device serves as an energy dissipator and water volume gauge to save on water and labor in gravity furrow irrigation. The patented valve is said to work well under high water pressure and also at low volumes. Agents are sought for the valve, which is easily mounted and easily removed for cleaning. WRITE: Guy A. Meuleman, Mgr., Aqua Control, Inc., Dept. CN, P.O. Box 101, Rupert, Idaho 83350 U.S.A.

HANDY LIVESTOCK TAG APPLICATOR — This firm's "Pow-R-Ceps Applicator for Plastic Ear Tags" can be used by ranchers, dairy farmers, and veterinarians to attach identification to animals. Priced from $18 to $25, the tool combines compound leverage with a pivotal pin for quick in-the-ear tag release. Designed to fit comfortably in the hand, the tool gives the user maximum pressure to assure properly locked tags. The company seeks distributors. WRITE: Tom V. Haas, Pres., Hasco Tag Co., Dept. CN, P.O. Box 130, 2nd & Kenton Sts., Dayton, Kentucky 41074-0130 U.S.A. Telex: 24-1468. Cable: BAN COM CN.

COMPUTER FEEDING HELPS MILK YIELDS — Dairy farmers can use the "Beta 150 Computerized Cow Feeding System" to control and monitor herd feeding. This IBM PC-compatibile system links into the user's home computer and provides a daily printout to reduce the need for manual record keeping. Easy to program and easy to use, it has increased average milk production by up to 25 percent in field tests, the firm states. The system, priced from $7,000 to $20,000, is completely safe and gives off no high-level harmful currents. WRITE: O. K. Backhaus, Dir. of Merchandising, Zero Manufacturing Co., Dept. CN, 811 Duncan Ave., Washington, Missouri 63090 U.S.A. Telex: 44-2476.

ONE-PASS SEED AND FEED DRILL — The "Air Till Drill" efficiently seeds and fertilizes in one process over any field condition, thereby saving soil and ground moisture, according to the manufacturer. The implement also offers large hopper capacity, easy transportation, and fast filling. The machine is designed to provide accurate depth control, which promotes more complete seed germination, according to the firm. Agents are sought. WRITE: Virg Mahlum, Mktg. Mgr., Concord Inc., Dept. CN, 2800 7th Ave. N., Fargo, North Dakota 58102 U.S.A.

MACHINE MULCHES WOOD AND BRUSH — The "Lil' Chip-RRRRR" can mulch tree limbs and brush up to 10.16 cm in diameter. Designed for homeowners, landscapers, professional arborists, and rental equipment owners, this machine can be towed behind any size pick-up truck. Described as durable and easy to maintain, it costs from $3,000 to $8,000, half the price of comparable chippers, according to the firm. Distributors and agents are sought. WRITE: Mark Bowling, Pres., Limbco, Inc., Dept. CN, 1800 S. Crownhill Rd., P.O. Box 53, Orrville, Ohio 44667 U.S.A.

UNIT SPRAYS NARROW ROWS — The "AgTec 300/400 LP Sprayer," available in two tank sizes, is especially useful for narrow row plantings of vegetables and fruit. The sprayer is PTO driven, and is designed for use with tractors of over 40 hp. Because it uses low-volume application, the user can spray longer with each tankful. Its special orifice nozzles are said to minimize clogging. The firm is seeking agents. WRITE: Jack Donnell, Gen. Mgr., AgTec Div., Ag-Chem Equip. Co., Inc., Dept. CN, 4900 Viking Dr., Minneapolis, Minnesota 55435 U.S.A. Target: [5] [8]

SPRAY APPLICATOR SAVES CHEMICAL COSTS — The "Model 3004 AgTec Sprayer" cuts sprayer costs because its high-velocity airstream shears liquids into mist-size droplets that can penetrate orchard and vegetable foliage without wasteful runoff, according to the manufacturer. In addition, the product is said to provide users with improved crop protection by means of its accurate, uniform coverage. The 380-liter tank also allows longer spraying time before refuelling. The firm seeks agents for its PTO driven sprayer, which is designed for use with a 35-hp tractor. WRITE: Jack Donnell, Gen. Mgr., AgTec Div., Ag-Chem Equip. Co., Inc., Dept. CN, 4900 Viking Dr., Minneapolis, Minnesota 55435 U.S.A. Target: [5] [8]

ORCHARD SPRAYER CUTS COSTS — The "Modular PTO Driven Orchard Air Sprayer" for orchard and grove owners is said to keep spraying costs down while ensuring unblemished produce. The unit features a fiberglass cover, stainless steel or fiberglass 1.5- or 1.9-liter capacity tank, and a two-speed gearbox with neutral blower housing. The nozzles can be adjusted for either dilute or concentrate spraying. The device is priced from $10,000 to $15,000. Agents are sought for the sprayer, which comes with an outlet for a hose and spray gun for spot spraying. WRITE: Ricardo Birkner, Regional Mgr., Intl., FMC Corp., Agricultural Machinery Div., Dept. CN, 5601 E. Highland Dr., Jonesboro, Arkansas 72401 U.S.A. Telex: 53-3156. Cable: BEANSPRAY JONESBORO. Target: [4] [5] [6]

BACKPACK PESTICIDE SPRAYER — A 12-V battery and centrifugal pumping system operates this firm's "PTP 20 Solar Pesticide Applicator." The system can throw a straight stream of pesticides up to 7.6 m, and an adjustable cone tip comes with the spray gun. The control console can be mounted on either the right or left side of the unit, according to operator preference. Agents are sought for this sprayer, which is priced at $359 and up, depending on the charging system selected. WRITE: Craig Broyhill, The Broyhill Co., Dept. CN, Box 475, Dakota City, Nebraska 68731 U.S.A. Telex: 43-8082.

CONVENIENT ONE-PASS TILLAGE — The precision "Bush Hog Ro-Till" is designed to complete seedbed preparation and allow planting in one pass, with a combination of coulters, subsoil shanks, and pulverizing baskets. Priced from $2,500 to $15,000, this machine is said to minimize soil erosion, save time and money, and replace several different kinds of worn equipment. Distributors are sought. WRITE: Santiago Lopez, Pres., Allied Products Corp., Bush Hog Intl. Div., Dept. CN, 3900 NW. 79th Ave., Ste. 320, Miami, Florida 33166 U.S.A. TWX: 810-845-4052. Telex: 44-1875. Cable: BUSHHOG INTL. Target: [4] [5] [6] [7] [8]

ROTARY CUTTER HAS WIDE FLEX — Farmers can shred stalks or clip pastures with the "Flex Wing Rotary Cutter Model 2615." It can flex 90o up and 22o down while carefully following ground contours. Featuring a 244-cm transport width when folded, the cutter is described as versatile and quick. Distributors are sought for the machine, which costs from $7,000 to $8,700. WRITE: Santiago Lopez, Pres., Allied Products Corp., Bush Hog Intl. Div., Dept. CN, 3900 NW. 79th Ave., St. 320, Miami, Florida 33166 U.S.A. TWX: 810-845-4052. Telex: 44-1875. Cable: BUSH HOG INTL. Target: [4] [5] [6] [7] [8]

DIAMOND DISK FOR ROUGH TERRAIN -- The "Herman Diamond Disk" is said to float over rocks and other obstructions without damage. In addition to primary tillage, this machine can be used for chemical incorporation and seedbed preparation. The diamond-shaped disk is carried by three sets of wheels within its center frame so that it follows the contour of the ground without skipping. Priced from $14,000 to $38,000, this machine also provides accurate depth control and eliminates ridging when cornering, as well as the need to lift the disk at the end of each field. Agents and distributors are sought. WRITE: Carter B. Summers, Vice Pres., Summers Manufacturing Co., Inc., Dept. CN, Maddock, North Dakota 58348 U.S.A. Target: [1] [4] [5] [6]

TRACTOR HAS MANY NEW FEATURES -- The four-wheel drive "Cougar 1000 Tractor" features a range powershift, 20 speed transmission, 10- or 10.5-liter high torque rise engine, and fully equipped cab to make tilling, planting, harvesting and land-forming operations easier for farmers. High efficiency and productivity are said to result from use of this machine. Agents are sought. WRITE: Scott Webster, Dir. of Mktg. Admin., Steiger Tractor, Inc., Dept. CN, P.O. Box 6006, 3101 lst Ave. N., Fargo, North Dakota 58102 U.S.A. TWX: 910-673-8308. Telex: 29-2221. Target: [4] [5] [6] [7]

NUTRITIONAL SUPPLEMENT FOR DOGS — The brewer's yeast, milk proteins, and other vitamins and minerals contained in "Edge" can improve the health and stamina of dogs, according to the manufacturer. This food supplement is formulated to meet the special needs of show and working dogs, as well as puppies, lactating dogs, and pregnant dogs. Agents are sought for this product. WRITE: A. Lawrence Muzzo, Vice Pres., F. L. Emmert Co., Dept. CN, 2007 Dunlap St., Cincinnati, Ohio 45214 U.S.A. Telex: 98-0131 WDMR.

SOIL SAMPLER IS QUICK, CONVENIENT — The "Speedy Soil Sampler" allows users to take 15 to 30 soil samples simultaneously without leaving their vehicles. Soil cones are automatically ejected into stainless steel containers after the sampling is completed. The stainless steel probe, which features replaceable tips, can penetrate from to 60 cm into the ground. Each sampling activity takes only 15 to 35 seconds. Agents are sought for this $1,500 to $2,000 machine. WRITE: Virg Mahlum, Mktg. Mgr., Concord, Inc., Dept. CN, 2800 7th Ave. N., Fargo, North Dakota 58102 U.S.A.

METER CONTROLS PLANT MOISTURE — The "Moisture Miser" is capable of sensing the soil's moisture and maintaining desired moisture through an automatic valve. With accuracy within one percent, this device prevents either oversaturation or excessive drying, the firm states. The $65 meter is also designed to control salinity, save water, and reduce labor costs. Agents and distributors are sought. WRITE: Philip M. Lazarus, ExxUS International, Dept. CN, 861 6th Ave., Ste. 720, San Diego, California 92101 U.S.A.

SENSOR MEASURES MOISTURE CONTENT IN SOIL — The "Moisture Analyzer," a maintenance-free underground sensor, accurately reads moisture level in soil and monitors evaporation, transpiration, percolation, and soil retention, the firm states. Salts, minerals, and fertilizer in the soil do not adversely affect this device, which is designed to reduce water costs for manual or automatic irrigation systems. The price ranges from $45 to $150. Distributors are sought. WRITE: Philip M. Lazarus, ExxUS International, Dept. CN, 861 6th Ave., Ste. 720, San Diego, California 92101 U.S.A.

SPRAY UNIT CLEANS AND SANITIZES — The "Kleen King High Pressure Washer" is said to clean almost any surface of dirt and grime by using cold water and specially formulated detergents. This gas-powered unit automatically distributes chemicals during the cleaning cycle and water only during a rinse cycle. Additional features include a four-cycle engine, a flow control valve, and a direct-drive pump. Agents and distributors are sought for the unit, which includes a 10-m hose and an applicator gun, and costs from $500 to $2,000. WRITE: Dennis J. Threlkeld, Pres., Britt Tech Corp., Dept. CN, Box 216, Britt, Iowa 50423 U.S.A. TWX: 910-523-6980. Target: [2] [4] [5] [6] [7] [8]

HEAVYWEIGHT SILAGE UNLOADER — This firm's "Silo Unloader" penetrates frozen and hard-packed silage in even the tallest silos, according to the manufacturer, with large, heat-treated auger knives. It has a heavy-duty transmission, swinging paddle blower, and double-cable suspension to ensure good leveling control. Agents are sought for this machine, which is priced from $4,000 to $7,000. Many special options are available. WRITE: Chester A. Gibbons, Mkt. Planning Mgr., Badger Northland Inc., Dept. CN, P.O. Box 1215, Kaukauna, Wisconsin 54130 U.S.A.

SELF-CONTAINED FEED PROCESSING PLANT — The "Gehl Mixall" is a totally self-contained feed processing system that can be operated from the powertake-off of a 70- to 100-hp agricultural tractor. Available in 4.8- and 3.5-m3 sizes, this portable machine can be ordered with a range of options, including a bagging attachment and electronic scale. Agents are sought for this versatile $10,000 unit. WRITE: Gene W. Ferguson, Export Mgr., Gehl Co., Dept. CN, 143 Water St., West Bend, Wisconsin 53095 U.S.A. Telex: 26-701.

HIGH-CAPACITY GRAIN STORAGE — The "5 Bin Cell" features a cluster of five grain storage bins for a total maximum capacity of 7,000 t. Designed to improve economy and efficiency in grain handling and storage, this system includes all ancillary equipment and is priced at $200,000, or less than $30/t, the firm states. Agents are sought. WRITE: Jan P. Hurndon, Dir., Intl. Mktg., Arcon Manufacturing, Inc., Dept. CN, P.O. Box 19444, Charlotte, North Carolina 28219 U.S.A. Telex: 80-2085. Cable: CONSULMEX. Target: [6] [8]

PRE-ASSAMBLED FEED PRODUCTION PLANT — Up to 10 t of animal, poultry, or fish feed/h can be produced with the "Ibberson Prefabricated Feedmill." Pre-assembled, wired, and plumbed, the plant is available for delivery within six months of the order. Training, start-up, and erection are provided by the manufacturer. Agents are sought for this $300,000 feedmill. WRITE: Paul L. Daemen, Intl. Mktg. Mgr., Ibberson International, Inc., Dept. CN, 3424 Wooddale Ave., Minneapolis, Minnesota 55416 U.S.A. Telex: 910-576-2703. Target: [1] [4] [5] [6] [8]

PRECISION MIXER FOR MANY INGREDIENTS — Commercial and industrial organizations, as well as feed mills and livestock producers, can use this firm's "Tractor Powered Portable Mixer" to blend various ingredients, including livestock feed, minerals, vitamins, pharma- ceuticals, and other products. The machine is designed to mix amounts as small as 1 part/12,000 with high accuracy. Agents and distributors are sought for this mixer, which is priced from $2,000 to $20,000. WRITE: Ramsey H. Davis, Pres., H.C. Davis Sons Mfg. Co., Inc., Dept. CN, 416 E. Front St., P.O. Box 395, Bonner Springs, Kansas 66012 U.S.A. Target: [4] [5] [6] [7] [8]

NON-HYDRAULIC GRAIN SAMPLER — The patented "Probe-Aload Core Sampler" is an electromechanical device designed to take grain samples from trucks or rail cars. It utilizes pneumatic grain transfer instead of hydraulics, and no vacuum is introduced into the grain. Other features of the $7,500 device include a telescopic arm, torque-limited motors, sampler and collection housing, signal horn, night lights, and traffic signal. Agents are sought. WRITE: Jerry Chaffee, Dir., Aeon International Corp., Dept. CN, 360 7th Ave., Marion, Iowa 52302 U.S.A. Telex: 43-9071 AEON MARW. Target: [5]

AUGER MOVES GRAIN GENTLY, EFFICIENTLY — The "Feterl Portable Grain Auger" is designed to move bulk grain and can be powered by an electric motor, gasoline engine, or tractor power take-off. The auger contains an enclosed head drive, case-hardened sprockets, and four bearings. All moving parts are shielded to ensure user safety. Agents are sought for the $3,200 to $4,500 auger, which is available in diameters of 15.2, 17.8, 20.3 or 25.4 cm. WRITE: Ronald Feterl, Vice Pres. & Sales Mgr., Feterl Mfg. Co., Dept. CN, 411 Center Ave. W., Salem, South Dakota 57058 U.S.A. Target: [4] [5] [6]

ROLLER-MIXER PRODUCES HIGH-QUALITY FEED — The "Roskamp Portable Roller-Mixer" mills whole grains and mixes them with supplements to provide hog and dairy producers with high-quality feed. The machine uses an industrial quality roller mill instead of a traditional hammermill and requires less power. It allows greater control over particle size and produces less dust. The manufacturer seeks agents for this machine, which has a 2.5- to 3-t capacity and costs from $8,000 to $15,000. WRITE: John H. Roskamp, Industrial & Exp. Sales Rep., Roskamp Mfg., Inc., Dept. CN, 2975 Airline Circle, Waterloo, Iowa 50703 U.S.A. Telex: 28-7549. Target: [6] [8]

HIGH-CAPACITY GRAIN SEPARATOR — Seed processors can use the "Clipper Gravity Separator" to separate heavy from light materials using low horsepower. Available in many sizes, the unit features counterbalanced construction to eliminate vibrations and increase product life. The firm seeks agents for this energy-saving machine, priced from $6,000 to $14,000. WRITE: Warren Knapp, Mgr. of Tech. Serv., Blount World Trade Corp., Dept. CN, 2430 Fairlane Dr., P.O. Box 4420, Montgomery, Alabama 36116-1601 U.S.A. Telex: 78-2314.

SELF-CLEANING PLASTIC ELEVATOR BUCKET — Constructed of high-density linear polyethylene, the high-speed "Dura Buket Plastic Elevator Bucket" is shatter-proof and self-cleaning. It does not spark when striking metal and is said to have excellent discharge characteristics. Available for both belt or chain applications, and priced from $2.15 to $10.30, the bucket can be used in temperatures from -50 to 50° C. Agents are desired for this product, which comes in black or white and in 25 different sizes. WRITE: Scott E. Seibert, Vice Pres. & Gen. Mgr., Dura-Buket, Div. of National Oats Co., Inc., Dept. CN, 1515 H Ave. NE., Cedar Rapids, Iowa 52402 U.S.A. Telex: 46-4440. Cable: THREEMINIT. Target: [2] [4] [5] [6] [8]

GRAIN CHUTE FITS ALL TRUCKS — This firm's inexpensive and easy-to-mount "Grain Chute" allows farmers to use only one chute for all grain handling, since it is designed to fit all trucks. The $45.65 chute requires no bolts and can be attached in seconds. Constructed of durable, 16-ga steel, the chute allows unloading at any angle, and the endgate adjusts the flow of grain. The firm seeks agents. WRITE: Harvey Turner, Turner Manufacturing & Welding, Dept. CN, Hwy. 15, R.R. 1, Box 50, Thompson, Missouri 65285 U.S.A. Target: [1] [2] [3]

COMPUTER-CONTROLLED FEED MIXER — The "Ration Master Stationary Feed Mixer" automatically grinds and mixes ten main and eight micro ingredients to one percent accuracy, the manufacturer claims. This weight-based, computer-controlled machine can store up to 50 feed formulas in its memory, while keeping records of each batch of feed mixed. The totally automated system has a battery back-up to protect it from memory loss and costs from $21,700 to $32,650. WRITE: Eric Shukla, Mgr. of Sales Devel., Weigh-Tronix, Inc., Dept. CN, 1113 N. Armstrong Dr., Fairmont, Minnesota 56031 U.S.A. Telex: 75-6594. Target: [4] [5] [6] [8]

ACCURATE FEED MIXER — A properly mixed ration of feed for dairy cattle, sheep, or beef cattle is accurately measured by the "Ensilmixer." This $14,500 device is said to be able to increase milk production and reduce feed consumption while providing better rations for ruminant digestion. The unit features agitator mixing action with square, counter-rotating top augers to produce a thorough blend of ingredients. Agents are sought. WRITE: Al Gassman, Intl. Exp. Admin., Butler Livestock Systems, Dept. CN, 801 Janesville Ave., Ft. Atkinson, Wisconsin 53538 U.S.A. Telex: 684-1054. Cable: BUMANCO. Target: [5]

MILL MANUALLY PROCESSES MASH FEEDS — Feed producers can use the "Blount Batch Mill" to prepare and bag batches of feed. Users are able to control feed content, processing, grinding, and mixing. The grinder and mixer are combined in one machine to ensure simple operation, and a remote control panel enables the operator to remove filled bags for sewing as the next one is being filled. Price from $9,000 to $10,000, the 10.75-hp machine has a capacity of .9 t/h. Agents are sought. WRITE: Steve Key, Project Mgr., Blount World Trade Corp., Dept. CN, 2430 Fairlane Dr., P.O. Box 4420, Montgomery, Alabama 36116-1601 U.S.A. Telex: 78-2314.

BATCH AND CONTINUOUS FLOW GRAIN DRYER — The "Farm Fans CF/AB-150 Dryer" is designed to allow grain farmers to dry their crop either with the continuous flow full heat method or by automatic batch. A selector switch controls the drying method, allowing the operator to select "dry and cool" or "full heat." Agents are sought for this dryer, which costs from $11,000 to $13,000. WRITE: Joseph Zimmer, Vice Pres., Sales, Farm Fans, Inc., Dept. CN, 5900 Elmwood Ave., Indianapolis, Indiana 46203 U.S.A. Telex: 88-3323.

AUTOMATIC FORAGE SILO UNLOADER — Said to contain 25 new and improved components and features, this firm's "Silage Unloader" now packs 19 percent more silage into a silo, lowering the cost of storing feed substantially. Components such as chipper blades, to shave frozen silage, and a fiberglass discharge chute are designed to resist acid corrosion resulting from silage feedstuffs. Agents are sought for this $6,000 to $7,500 unloader. WRITE: Al Gassman, Intl. Exp. Admin., Butler Livestock Systems, Dept. CN, 801 Janesville Ave., Ft. Atkinson, Wisconsin 53538 U.S.A. Telex: 684-1054. Cable: BUMANCO. Target: [2]

EXTRA-RIGID AUGER HAS LONG LIFE — The "Century Auger" is an economical and efficient way to move grain, according to the manufacturer. Heavy-duty flight and galvanized housing ensure the longevity of this $1,100 to $11,000 portable auger, and heavy channel track and truss rods ensure extra rigidity. A top drive provides efficient power use for the auger, which has a capacity of 1,500 to 4,500 bushels/h. Agents are sought. WRITE: Dick Fassler, Vice Pres., Mktg., Hutchinson Div., Lear Siegler, Dept. CN, Box 33, West Crawford, Clay Center, Kansas 67432 U.S.A. TWX: 910-742-6411. Target: [5]

CLIMATE-CONTROLLED GRAIN STORAGE SILO — The "Scafco Automated Bulk Grain Storage Silo System" is said to be a reliable and durable method of storing many grains or beans with little danger of damage from moisture or pests. The silo features especially stiff sidewalls and unique aereation flooring systems to protect stored grain. Agents are sought for the system, for which the manufacturer can provide customized design, engineering, and installation support. WRITE: Larry Stone, Pres., Scafco Corp., Dept. CN, P.O. Box 11215, Spokane, Washington, 99211-0215 U.S.A. Telex: 15-2057. Cable: SCAFCO SPK.

AFFORDABLE GRAIN STORAGE SILO — With a capacity of up to 13,500 t, the "Chief Silo" is said to be less expensive than concrete silos and faster to erect. Its high-strength, self-locking roof panels make the silo watertight, and galvanized steel vertical stiffeners provide strength and a smooth interior. Agents are sought for the silo, which is available for diameters up to 32 m. Numerous accessories are available. WRITE: Jerry Simonds, Intl. Sales Mgr., Chief Industries, Inc., Dept. CN, P.O. Box 2078, Grand Island, Nebraska 68802-2078 U.S.A. TWX: 910-629-3713 CHIEF IND GRID. Target: [1] [4] [6] [8]

VERTICAL GRAIN ELEVATION — Grain producers, seed producers, and flour and feed mill operators can use the "Silver Sweet Bucket Elevator" for vertical elevation of free-flowing material such as feed, dry fertilizers, seed, and grain. Agents and distributors are sought for this product, which is constructed of galvanized steel to resist rust and corrosion. WRITE: W. Dean Sweet, Pres., Sweet Manufacturing Co., Dept. CN, 2000 E. Leffel Lane, Springfield, Ohio 45501 U.S.A. Telex: 20-5428.

SYSTEM PERMITS STORAGE OF WET GRAIN — The truck-mounted "Bag-A-Load" system allows wet brewers grain and other food and beverage industry by-products to be stored right off the truck in plastic bags without contamination for use as livestock feed. Spoilage of wet brewers grain is reduced and palatability is increased with this $2,000 system. The unit to designed for use with the company's heavy-duty plastic bags, and the housing fits on a variety of truck boxes. WRITE: Neil Durhman, Pres., General Feeds, Inc., Dept. CN, 475 Randolph Ave., St. Paul, Minnesota 56265 U.S.A.

SILO STORES GRAIN ECONOMICALLY — Complete with an efficient built-in aeration system, this firm's "Grain Storage Tank" is capable of keeping from 10 to 12,700 t of wheat, corn, soybeans, and rice for long-term storage. Priced from $1,500 to $200,000, the silo can be quickly and easily assembled and can be expanded to meet future needs. WRITE: John J. Lambert, Dir., Intl. Operations, Chicago Eastern Corp., Dept. CN, 200 N. Prospect St., Marengo, Illinois 60152 U.S.A. Telex: 72-1552.

ROOF-LOADING GRAIN BIN — The manufacturer claims this "Commercial Grain Bin" has the strongest roof support system available anywhere to ensure high-capacity storage and quality. Other special features include a "state-of-the-art" ladder, large fill opening, and sidewalls constructed of especially strong bolts. Priced from $44,000 to $100,000, the bin is available in diameters up to 27.43 m and with capacities of up to 11,750.4 m3. Agents and distributors are sought. WRITE: Carmon R. Wenger, Pres., Chore-Time/Brock International, Dept. CN, P.O. Box 632/State Rd. 15 N., Milford, Indiana 46542 U.S.A. Telex: 23-2488.

HEAVY STEEL BIN STORES GRAIN — Available in sizes from 70 to 16,420 m3, this firm's "Grain Storage Bin" is constructed of high-strength steel, and its completely bolted design permits erection at the job site. The bin costs from $1,500 to $40,000 and is available with many accessories, including ladders, fans, augers, floors and floor, supports. Agents are sought. WRITE: Jim Baker, Sales Mgr., Conrad American, Dept. CN, P.O. Box 88, Houghton, Iowa 52631 U.S.A. Telex: 47-8452.

MOWER FOR PRECISION CUTTING — The "Haban Mid-Mount Finishing-Cut Mower" can provide users with a smooth, even lawn because its four-gauge wheels allow the mower to follow ground contour precisely. Its three heat-treated high-lift blades cut to 152 cm. Designed to fit specific tractors, the machine broadly discharges cut grass. Agents are sought for the $1,200 mower. WRITE: Pierre A. Gonthier, Haban Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

HIGH-CAPACITY PEANUT DIGGER — This firm's "Peanut Digger Shaker Windrower and Inverter" has a pattened, hourglass inverter which offers high capacity but requires low maintenance. Its longer, high-strength rattler bars and narrow fenders permit constant flow of vines, and desired agitation is achieved with its three-wheel, adjustable dirt knockers. Wear is minimized as a result of tough steel construction. Agents are sought for the digger, which is available in a two-row model, as shown, and in four-and six-row models WRITE: Maylon Nicholson, Export Coordinator, Kelley Mfg. Co., Dept. CN, South Industrial Park, P.O. Drawer 1467, Tifton, Georgia 31793 U.S.A. Telex: 70-6010 KMC UD.

COMPACT COMPRESSOR HARVESTS HONEY — The energy-efficient "Fager Wax Compressor" is said to be a simple way to squeeze honey mechanically from beeswax cappings while preserving the honey's quality. Claimed to be the only available automated press for handling beeswax cappings, the $4,000 to $5,000 compressor saves time, labor, equipment, and storage facilities usually required for honey harvesting. The manufacturer seeks agents and distributors. WRITE: Orville Fager, Pres., Fager Corp., Dept. CN, Rte. 3, Kewaunee, Wisconsin 54216 U.S.A.

PEANUT COMBINE HAS LARGE-CAPACITY — The "Model 6500 Peanut Combine" has a 110 bushel capacity tank and is designed to provide peanut farmers with quality, performance, durability, and high capacity. It features a large header for big windrows, a tough, four-cylinder picking system, a patented, constant-speed cleaning fan, and complete picking and separating controls. The combine is priced from $17,000 to $22,000. Agents are sought. WRITE: J. C. E. Luard, Lilliston Corp., OPICO, Dept. CN, P.O. Box 849, Mobile, Alabama 36609 U.S.A. Telex: 46-0166. Cable: OPICO MOBILE.

UNIQUE ATTACHMENT FOR CEREAL CROP HARVESTING — Farmers can harvest a higher percentage of their crop with the "Hart Carter Field Tracker Tilt Head Attachment," the firm states. This device instantly and automatically adjusts the header to match ground slope. Priced between $4,000 and $5,000, this unique attachment comes with a manual in-cab control; floating cutterbars are also available. Agents are sought. WRITE: Stella M. Bauer, Exec. Asst., Hart Carter Co., Dept. CN, 1501 1st Ave., Mendota, Illinois 61342 U.S.A. TWX: 910-642-3082.

FORAGE HARVESTER CUTS EVENLY — Cutting at uniform lengths, the "Model 718 Forage Harvester" allows for easier unloading, blowing, storing, and feeding. This $13,625 machine provides a choice of four crop-saving heads: a one- or two-row cornhead, a windrow pickup, or a sickle bar. Agents are sought for this model, which features the exclusive flip-up feedroll and the double-edged, under-beveled knives that never require rebeveling. WRITE: Haroldo C. Pinto, Dir., Latin America—Mktg., Sperry New Holland, Dept. CN, 500 Diller Ave., New Holland, Pennsylvania 17557 U.S.A. Telex.. 17-3130. Target: [4] [5]

HAYBINE HAS PATENTED DESIGN — Crops can be conditioned over their entire width with this firm's "Mower-Conditioner-Haybine 472." Its wide rubber conditioning rolls feature a unique spiraling chevron design, which allows the stem of the crop to be cracked lengthwise and crimped for proper drying. The rolls will not plug and wrap like others, according to the manufacturer. The $8,132 implement also has an adjustable swath baffle which is easy to change from windrow to swath. Agents are sought. WRITE: Haroldo C. Pinto, Dir., Latin America—Mktg., Sperry New Holland, Dept. CN, 500 Diller Ave., New Holland, Pennsylvania 17557 U.S.A. Telex: 17-3130. Target: [4] [5]

VERSATILE FORAGE HARVESTER — The "Gehl FC7200 Flail Chopper" incorporates 39 double-edged, hardened steel flail knives designed to slice through the heaviest crop or residue. Easily operated by a 40- to 90-hp tractor, the 1.8 m unit features one-step cut and throw action and an overrunning clutch that eliminates the shock load through the driveline. Available for 540 or 1,000 rpm PTO, the chopper costs $6,800. Agents are sought. WRITE: Gene W. Ferguson, Export Mgr., Gehl Co., Dept. CN, 143 Water St., West Bend, Wisconsin 53095 U.S.A. Telex: 26-701.

MOWER HAS UNIVERSAL HOOK-UP — Used on fields and roadsides, the durable "Trailmaster Mower" is designed to cut clean, square corners easily. This sickle-bar mower can be used with any tractor without special attachments. Features include simple design, balanced pitman drive and standard SAE 540 rpm PTO drive. Agents are sought for the $2,400 mower. WRITE: Timothy J. Thomas, Office Mgr., Kosch Co., Dept. CN, 3439 E. 23rd St., P.O. Box 707, Columbus, Nebraska 68601 U.S.A.

MACHINE DIGS PEANUTS UNIFORMLY — The "Ferguson Model CD-80-2 Two-Row Digger Shaker Inverter" can dig two rows of peanuts and gently remove soil from the vines, according to the manufacturer. Faster drying and a more uniform harvest are ensured by the machine's adjustable roller chain, which moves peanuts into a uniform inverted windrow. Agents are sought for the $3,600 machine, which adapts to most three-point lift tractors and can be used with most soil conditions. WRITE: O. Parks Morgan, Vice Pres., Sales, Ferguson Manufacturing Co., Inc., Dept. CN, P.O. Box 1098, Suffolk, Virginia 23434 U.S.A.

AUTOMATIC BALE HARVESTER -- The "Freeman Model 7000 Pull Type Bale Wagon" is completely automatic, and is said to be highly efficient and cost-effective. It features an electronic bale control system, which produces a square, compact block of 56 or 67 bales. In five minutes, the wagon's "accumulator" can pick up an entire load of bales in the field. The wagon is said to be easy to unload. Agents are sought for this $30,000 machine WRITE: Pierre A. Gonthier, Freeman Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

ROTARY CUTTER MOWS GRASS AND SHREDS STALKS -- The "Brute Rotary Cutter" comes in two sizes to perform difficult mowing and shredding jobs. Both the 1.52- and 1.83-m sizes have a heavy-duty gear box and slip clutch, as well as full length runners and safety shielding. Agents are sought for the cutter, priced from $1,646. WRITE: John D. Koch, Vice Pres., BMB Co., Inc., Dept. CN, Vermont at 9th St., P.O. Box 350, Holton, Kansas 66436 U.S.A.

MACHINE MAKES BALES -- The "Freedman Model 330 Self-Propelled Baler" produces up to 27 t/h of hay or straw in tight, uniform bales ranging in weight from 40.5 to 81.69 kg. The implement's hydrostatic drive allows it to operate conveniently at a forward speed up to 24 k/h without shifting. Agents are sought for this $50,000 baler. WRITE: Pierce A. Gonthier, Freeman Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

EXTRA-STRENGTH BALER -- The "Model 316 Baler" features a flow action feeding system which provides high capacity and excellent bale shape, according to the firm. Designed to pick up even short, fine hay, the $11,415 baler has a floating, spring-loaded windguard, adjustable pickup wheel, and chain drive for long life. Agents are sought. WRITE: Haroldo C. Pinto, Dir., Latin America — Mktg., Sperry New Holland, Dept. CN, 500 Diller Ave., New Holland, Pennsylvania 17557 U.S.A. Telex: 17-3130. Target: [4] [5]

COMBINE HARVESTS QUICKLY -- The "Case International 1460 Axial-Flow Combine" operates with unique axial flow threshing and separating mechanisms designed to allow the machine to harvest more bushels per day than other combines. Fuel requirements and grain damage are also said to be reduced. Agents are desired. WRITE: R. M. King, Gen. Sales Mgr., J I Case, Dept. CN, 700 State St., Racine, Wisconsin 53404 U.S.A. TWX: 910-271-2600. Telex: 26-4425 CASE RCN-B or 26-4426 CASE RCN-A. TWX: 910-271-2600.

MANEUVERABLE HYDROSTATIC MOWER -- The "Yazoo Commercial Hydrostatic Front Deck Mower" is said to be easy to maneuver because it steers from the rear, and less tiring to use because it is hydrostatic. A 23-hp cast iron engine powers this $5,200 to $7,500 mower. Additional features include a key start system, special one-piece tempered alloy steel offset blade and heavy-duty drive shaft. Agents are sought. WRITE: John C. E. Luard, Yazoo Mfg. Co., OPICO, Dept. CN, P.O. Box 849, Mobile, Alabama 36601 U.S.A. Telex: 46-0166. Cable: OPICO MOBILE.

PORTABLE CORN HUSKER -- The "Haban Portable Corn/Maize Husker-Sheller" thoroughly separates the grain from the chaff and can be stationary or driven by electric motor, combustion engine, or PTO. Designed to handle large amounts of corn, it can be adjusted to meet the requirements of local climates and crop conditions. Agents are sought for the $1,200 implement, for which some optional equipment is available. WRITE: Pierre A. Gonthier, Haban Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

MACHINE PERFORMS MANY-MOWING JOBS -- The "Continental Belton Mower" is available in center, or rear-mount versions in a variety of sizes. Priced from $1,000 to $1,500, the extendable mower can cut close to obstacles and fence lines, reducing the need for additional trimming. Agents are sought for the mower, which is easily hooked up to tractors with 11 to 42 PTO hp. WRITE: John C. E. Luard, Continental Belton Co., OPICO, Dept. CN, P.O. Box 849, Mobile, Alabama 36601 U.S.A. Telex: 46-0166. Cable: OPICO MOBILE.

ECONOMICAL SUGAR BEET HARVESTER -- Sugar beet farmers can use the "Heath Beet Harvester" to harvest their crops. The implement is designed for heavy soil and can harvest six rows of clean beets. Driven by a hydraulic motor, it ensures low maintenance along with quiet, smooth operation. Steerable dual wheels make it easy to get onto the rows. Agents are sought for this high-performance, durable machine, which costs from $20,000 to $25,000. WRITE: C.M. Dodson, Pres., HFE Engineering & Sales, Inc., Dept. CN, 521 N. Link Lane, Ft. Collins, Colorado 80524 U.S.A.

HIGH-CAPACITY BALER — Up to 36.3 t of hay or straw can be produced by this firm's "Big Bale Baler." The .9-t bales are said to be the perfect size for loading trucks to maximum height and weight limits. Agents are sought for this $50,000 machine, which features adjustable bale length and a remote control system to simplify servicing. WRITE: Pierre A. Gonthier, Freeman Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

SOIL CONDITIONER PREPARES SEEDBEDS — The "Rolling Harrow" has tandem rollers of scalloped spiral blades to condition the soil and prepare a smooth seedbed. They mulch, agitate, and mix the earth, leaving fine soil at the seedbed level and coarse soil or clods at the top. An adjustable tongue allows this implement to be used with other types of tillage tools such as discs, field cultivators, or S-tines, as well as by itself. The manufacture seeks agents for this versatile tool. WRITE: Daniel Fanger, Sales Mgr., Unverferth Mfg. Co., Inc., Dept. CN, P.O. Box 357, Kalida, Ohio 45853 U.S.A. TWX: 810-490-2190.

HOIST HANDLES UNEVEN LOADS — A rigid, scissors-type frame is one of the special features of the "Harsh Rigid Lift RL112-HD Hoist," according to the manufacturer. The compact lift, priced from $1,500 to $2,000, has a low mounting height and good ground clearance. It is designed to resist the twisting forces which result from uneven dumping conditions and loads. Agents and distributors are sought for this machine, which comes with a five-year warranty. WRITE: Glen Langley, Product Mgr.-TE, Hydraulics Unlimited Mfg. Co., Dept. CN, P.O. Drawer 7, 600 Oak St., Eaton, Colorado 80615 U.S.A.

SKID STEER LOADER HAS MULTIPLE USES — The "Gehl Skid Steer Loader" is designed to work indoors or outdoors under all types of conditions. Described as easy to operate, efficient, and safe, this machine is available with a wide variety of attachments and operating capacities ranging from 340 to 900 kg. The price ranges from $15,000, to $20,000. Agents are sought. Gene W. Ferguson, Export Mgr., Gehl Co., Dept. CN, 143 Water St., West Bend, Wisconsin 53095 U.S.A. Telex: 26-701.

VERSATILE AGRICULTURAL TRAILER — Designed for operation in grain fields, rough access roads, and regular highways, the $25,000 "Titan Trailer" can be used to transport grains, feeds, seeds, nuts, potatoes, and fertilizers. It has 43.4 m3 of volume and can handle 28 t of payload. Agents are sought for the trailer, which is said to be easy to repair and simple to maintain. WRITE: M. Kai Norton, Pres., Titan Trailer Corp., Dept. CN, P.O. Box 1517, Woodland, California 95695 U.S.A.

AGRICULTURAL TRAILER HAS BIG PAYLOAD — This trailer, specifically designed for California farmers, can transport a payload of up to 15 t of grains, feeds, seeds, and fertilizers, and can operate in grain fields, access roads and regular highways. Agents are sought for this $25,000 gravity dump trailer, said to be easy to repair and maintain. WRITE: M. Kai Norton, Pres., Titan Trailer Corp., Dept. CN, P.O. Box 1517, Woodland, California 95695 U.S.A.

VERSATILE AGRICULTURAL LOADER — A special feature of the "643 Bobcat Skid Steer Loader" is its ability to maneuver in small areas. This loader has a 28-hp engine, hydrostatic drive, and an operating capacity of 450 kg. The loader has many uses in agriculture and construction, and attachments for a variety of jobs are available. Agents are sought for this $14,910 machine, which can be used by dairy farmers, hog farmers, feed operators, and fertilizer operators. WRITE: R. H. Roble, Vice Pres., Intl. Mktg., Melroe International, Dept. CN, 112 N. University Dr., Fargo, North Dakota 58102 U.S.A. TWX: 671-8041 CLF GOUW.

LIFTING JACK FOR MANY JOBS — Farmers and ranchers can use the "Hi-Lift Jack" to help with many jobs requiring lifting, pulling, pushing, or clamping. Constructed of high-quality steel, the $25 tool weighs only 11.7 kg and can be used as a jack, winch, clamp, hoist, fence stretcher, or post and pole puller. The jack is equipped with a safety shear pin which enables it to remain stationary when overloaded. Agents and distributors are sought for this 3,150-kg capacity tool. WRITE: R. E. Ternes, Pres., Hi-Lift Jack Co., Dept. CN, 46 W. Spring St., P.O. Drawer 228, Bloomfield, Indiana 47424 U.S.A.

TRAILER HAULS MANY LOADS — A combination trailer capable of transporting bulk, flat floor, or mixed load commodities is available for $18,000 to $30,000 from this firm. The versatile "Cornhusker 800" can haul bulk, bag, or palletized loads, and its special design virtually eliminates clean-up after hauling bulk. A two-minute conversion process can transform the unit to a floor trailer with forklift loading capabilities, according to the manufacturer. Agents are sought. WRITE: James F. Severa, Vice Pres., Sales, Truck Equipment Service Co., Dept. CN, 800 Oak St., Lincoln, Nebraska 68521 U.S.A. Target:

MOBILE IRRIGATION SYSTEM SAVES LABOR — Said to require only one hour of labor per system each day, the "Wade Rain Poweroll" uses a special hydrostatically powered mover unit to transfer irrigation equipment. This $5,600 product is designed for square or rectangular fields of 5 to 20 ha planted with all kinds of field and row crops, except corn. Agents are sought. WRITE: Jon Meyer, Mktg. Mgr., Wade Manufacturing Co., Dept. CN, P.O. Box 23666, Portland, Oregon 97223 U.S.A. Telex: 15-1539.

VALVE CONSERVES IRRIGATION WATER — Growers employing furrow irrigation to water their crops will find that the "Smar Tee Surge Valve" can cut water and fuel costs by 30 percent, according to the manufacturer. Furrow water flow is controlled by the timer of the surge valve, which has cycles of 15 min to 12 h. Agents are sought for the $800 to $950 valve, which is said to be lightweight and easy to repair. WRITE: B. T. Lusk, M.M.S., Inc., Dept. CN, P.O. Box 1685, Plainview, Texas 79072 U.S.A.

TRICKLE IRRIGATION SYSTEM FOR SMALL AREAS — The "Rain Run" kit is a complete irrigation system that includes 30.5 m of low density, ultraviolet-treated polyethlene tubing, a backflow preventer, pressure regulator, stainless steel filter, tube-adaptable valve, and male hose connector. The easy-to-use system can be buried or remain above ground, and can accurately water an area 45.72 cm deep and 60.96 cm wide. Agents are sought for the $45 system, which is available with an extension kit that adds an additional 366 m of tubing. WRITE: Joanne Lack, Pres., Moneysaver International, Dept. CN, P.O. Box 406, Aurora, Missouri 65605 U.S.A. TWX: 910-760-2452.

IRRIGATION SYSTEM COVERS ODD-SHAPED FIELDS — The "Long Nu-Way Irrigation System" can irrigate up to 23 acres of various crops and fruit trees 24 hours. This system consists of either a turbine or gasoline-driven engine, a heavy-duty polyethylene hose, highflotation tires, and a swivel hose reel. A sprinkler gun is also available. Agents are sought for this system, which costs from $10,000 to $30,000. WRITE: Teresa S. Day, Export Mgr., Long Mfg. N.C. Inc., Dept. CN, 1907 N. Main St., P.O. Box 1139, Tarboro, North Carolina 27886 U.S.A. TWX: 510-929-0695. Target: [4] [5] [6]

ENERGY-EFFICIENT CROP IRRIGATION SYSTEM — The "Lindsay Zimmatic Generation 2" irrigation system is said to require only half the energy other systems need while delivering technologically advanced assistance to farms and government projects. Its increased span lengths eliminate the need for many parts, and it features a V-Jack support system as well as crossed stabilizer design. Agents are sought for this $25,000 to $100,000 system. WRITE: Cindy Goldman, Mktg. Coordinator, Lindsay International Sales Corp., Dept. CN, 3040 Post Oak Blvd., Ste. 1550, Houston, Texas 77056 U.S.A. Telex: 20-3292.

DIGGING DEVICE FOR LARGE IRRIGATION DITCHES — The 540-kg "Towner Series 352/354 Ditcher" can create V-shaped ditches from over 76 to 91 cm deep. The $6,000 machine requires 85 to 200 drawbar hp to operate, and its strength and weight allows a ditch to be dug with fewer passes, the firm states. A hydraulic blade-angle and depth adjustments are said to make the implement easy to operate. Agents are sought. WRITE: Pierre A. Gonthier, Towner Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

LOW-ENERGY SPRINKLER — This firm's "Controlled Droplet CD Sprinkler" is designed to offer relief from high-pressure irrigation. Described as energy-saving and cost-effective, it is one of many available components of the firm's irrigation systems, available in drip as well as sprinkler versions. WRITE: Jack Buzzard, Vice Pres., Intl., Rain Bird International, Dept. CN, 145 N. Grand Ave., Glendora, California 91740 U.S.A. Telex: 472-0843. Target: [4] [5] [6] [7]]8]

CUSTOMIZED FIELD CROP IRRIGATION SYSTEM — Individually engineered "SEI Center Pivot System" includes galvanized steel units and automatic control units and is said to contain the sturdiest structures in the industry. The center pivot can be as short as a single tower or up to 600 m long, and is custom-designed for each customer's soil, crop, and terrain. Agents are sought for the system, which is priced from $10,000. WRITE: Chris Leslie, Vice Pres., SEI, Inc., Dept. CN, P.O. Box 6651, Lubbock, Texas 79493 U.S.A. Telex: 74-4437.

COMPLETE IRRIGATION SYSTEM — The "Boss Irrigation System" is designed to water grain crops, grasses, row crops, orchards, sugar cane fields, parks, or airports. This complete system includes all elements, from pumping unit to piping to sprinkling unit. The system averages from $10,000 to $40,000 in price, and can be tailored to meet individual needs. The firm also offers a complete inventory of irrigation equipment and is seeking agents. WRITE: David K. Buescher, Pres., Consolidated Pipe & Tube Co., Dept. CN, P.O. Box 5695, Lubbock, Texas 79417 U.S.A.

IMPLEMENT INCREASES WATER AVAILABILITY — Using a minimum of power, the "Ferguson Model FMB Middle Buster" forms ridges of suitable depth and width to ensure a steady flow of water for irrigation, the firm states. It features a friction trip shank and strong materials such as a high-carbon tool bar. Agents are sought for this $1,400 implement, which can be used with a CAT 1, 2, or 3 hitch. WRITE: Pierre A Gonthier, Ferguson Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP..

IRRIGATION COLLECTOR CONTROLS HEAT STRESS — Designed to increase agricultural yield almost two-fold, "Solaspray" is an irrigation controller that can cool and humidify plant leaves. Reducing water-related problems such as sunscald, blossom end rot, and summer heat delay, the system uses short pulses of water to cool and humidify plant leaves. Agents and distributors are sought for this $825 product, which can operate on 12 VDC in remote areas. WRITE: William L. Enter, Sr., Anabil Enterprizes, Inc., Dept. CN, 525 S. Aqua Clear Dr., Mustang, Oklahoma 73064 U.S.A.

DURABLE PUMPING UNIT — Designed to provide fuel economy and long life, the "Rainbow Pumping Unit" can be used with the firm's other irrigation equipment. The unit has a lock-type throttle and safety switches to stop the engine in case of high engine temperature, low oil pressure, or other problems. The pumping unit is said to be exhaustively tested to ensure peak performance, and it is priced from $5,000 to $20,000. Agents are sought. WRITE: Giles Paget-Wilkes, Regional Exp. Mgr., Rainbow Irrigation Systems, Dept. CN, P.O. Box 70, Fitzgerald, Georgia 31750 U.S.A. Telex: 80-4501. Cable: RAINBO. Target: [4] [5] [6] [7]

AIR VENT FOR IRRIGATION PIPING — Friction and damaging air locks can be prevented with this firm's "Air Relief." Designed for gravity or pressure irrigation systems, this device allows air to escape during pipeline filling and to re-enter during pipeline emptying, which prevents friction. Agents are sought for this $22.50 to $82,50 device, which has an age-resistant synthetic rubber seal and a large orifice to maximize air flow. WRITE: Charles Green, Gen. Mgr., Fresno Valves & Castings, Dept. CN, 604 N. Ave. Q, Lubbock, Texas 79403 U.S.A. Telex: 18-1160. FAX: 1-303-287-8531.

DEVICE MEASURES SOIL MOISTURE — Soil moisture conditions can be accurately measured with the "Irrometer Soil Moisture Indicator." This tensiometer directly monitors moisture trends and indicates when and how much to irrigate. The device consists of a sealed water-filled tube with a porous tip at the bottom which is installed in the ground at desired root zone depths. When the soil is dry, the reading is high. The manufacturer seeks agents for this product, which costs from $35 to $40. WRITE: Karl J. Ruzicka, Managing Dir., Pacific Exports, Dept. CN, P.O. Box 3113, San Dimas, California 91773 U.S.A. Telex: 46-9462 PACEXP.

IRRIGATION SYSTEM HAS PATENTED DRIVE — Low initial cost, reduced water consumption and labor costs, and higher yields are listed as the advantages offered by this firm's "Wheelline Sprinkler Irrigation System." Operating on water pressure of 3 bars, the system can irrigate up to 18 ha and grades up to 15 percent. The price is $5,000/unit. Agents and distributors are sought. WRITE: Robert Lake, Vice Pres., Lake Co., Dept. CN, P.O. Box 2248, Bakersfield, California 93303 U.S.A. TWX: 910-327-1107 LAKECO. Cable: LAKE CO.

DRIP IRRIGATION SYSTEM FOR ROW CROPS —This firm's "Bi-Wall Drip Irrigation Tubing" is said to provide 20 to 30 percent larger yields at a lower production cost. The tubing is designed with laser-drilled supply and emission orifices to provide accurate water balance along its length for use on long rows of vegetables, sugar cane, jojoba, and cotton. Priced from $30 to $50/304.8 m, the tubing can be used underground as well as above ground. Agents are sought. WRITE: Barry Pedler, Intl. Sales Mgr., James Hardie Irrigation, Dept. CN, 1588 N. Marshall Ave., P.O. Box X, El Cajon, California 92020 U.S.A. Telex: 371-9648.

VERSATILE TURBINE PUMP FOR IRRIGATION — Farmers will be interested in this firm's "Vertical, Deep Well Turbine Pump," with pumping capacities from 265 to 22,000 liters/min. Available in a range of materials to meet customer specifications, it can be ordered in water- and oil-lubricated versions. A range of tubes and shafts can be supplied with the pump, which is priced from $200. WRITE: Abe Bitar, Intl. Export Mgr., American Turbine Pump Corp., Dept. CN, 4229 Adrian, Rte. 2, Box 10, Lubbock, Texas 79415 U.S.A. Telex: 74-4495.

AUTOMATIC PIVOT FOR EXTENSIVE IRRIGATION — Operators of large farms or ranches can use the $18,000 to $28,000 "Seco Center Pivot System" to irrigate their fields. Constructed of heavy galvanized steel, this fully automatic system is described as energy-efficient and capable of saving water. It is also said to be a simple, strong system. Agents are sought. WRITE: Bill W. Starnes, Starnes Erection Co., Dept. CN, Rte. 1, Box 61C, Abernathy, Texas 79311 U.S.A. Telex: 70-1438 UD.

FILTER FOR IRRIGATION WATER — Organic matter, silt, fine sand, grit, and other matter can be successfully removed from drip/trickle irrigation systems with the "Lakos Sand Media Filter." The filter works by percolating the water under pressure through a special bed of filtration media. Priced from $800, the filter also features a precision-designed underdrain, deep-designed tank chambers, and manual and automatic backflushing controls. Agents are sought for the filter. WRITE: James P. Canales, Exp. Mgr., Lakos Separators Intl., Dept. CN, 1911 N. Helm Ave., Fresno, California 93727 U.S.A. Telex: 35-5355. Cable: LAVAL FSO.

AUTOMATED SYSTEM FEEDS LIVESTOCK — The "Warner Flex-Flo Automatic Feed System" can deliver from 360 to 2,700 kg of clean, dry feed/h to poultry, hogs, or cattle. A special spring-type auger system moves feed up and around corners without expensive joints or connections. Priced from $500 to $1,000, this system can be tailored to customer needs and is said to add convenience and efficiency to feeding operations.

Agents are sought. WRITE: H. R. Schonhoff, Pres., The Warner Corp., Dept. CN, P.O. Box 180, 802 W. Main, North Manchester, Indiana 46962 U.S.A.

MACHINE DISTRIBUTES ANIMAL MEDICATION — This firm's "Medicator" provides poultry, swine, dairy, and other farmers with a method of dispensing medication to sick animals through their drinking water. The device requires no electricity and has no pumps or moving parts. A visual readout allows instant treatment adjustment or monitoring. In addition, it has a patented manifold, built-in funnel, and backflow preventer. Agents are sought for the machine, which is available in 7.6- or 15.2-liter sizes and priced from $90 to $125. WRITE: Joe Daniels, Vice Pres., Mktg., Chemilizer Products, Inc., Dept. CN, 12745 49th St. N., Clearwater, Florida 33520 U.S.A. Telex: 52-3965.

HEATED BLADE CAUTERIZES SWINE — Pigs' tails and navels can be severed and cauterized with the "Meador TNSC Instrument." Its cauterizing action prevents open wounds and eliminates bleeding and infection. Its precision-ground blades cut quickly, and its tripod design holds the instrument upright between cauterizations. Agents are sought for this patented instrument, available in 110- or 220-V units. WRITE: Dean Meador, Meador Swine Health Developers, Dept. CN, P.O. Box 94, Lanark, Illinois 61046 U.S.A.

COMPUTERIZED FEED FORMULATION — The "Feed Master" is a set of microcomputer programs that form a complete system for feed formulation and total control of feed plants. Available in four modules, the software can be used on any personal computer compatible with the MS-DOS operating system. It comes complete in Spanish and English. WRITE: Regulo Pacheco, Asst. Mgr., Agri-Products, International Division, Inc., Dept. CN, P.O. Box 1275, Springfield, Missouri 65805 U.S.A. Telex: 43-6443.

CUSTOMIZED SWINE CONFINEMENT COMPLEX — Pork producers will be interested in this firm's "Swine Confinement Complex," said to incorporate the most modern swine production techniques available. Designed to meet each customer's needs, the complex requires minimal labor and can be sold on a turnkey basis, the firm states. The system is priced from $600,000. WRITE: Jan Dannelly, Intl. Coordinator, Sand Livestock Systems, Inc., Dept. CN, 1418 25th St., P.O. Box 948, Columbus, Nebraska 68601 U.S.A. Telex: 910-626-8310. Cable: SANDSYSTEM.

WALK-THROUGH SCALE FOR SWINE — Available in either kilogram or pound versions, this firm's "Hog Scale" is designed to weigh individual swine. Easy to clean, the scale has 12-gauge tubular construction and heavy galvanized wire flooring as well as stainless steel cables. Gates swing easily and can be operated at either end of the scale. This $300 to $600 scale features a special sorting chute to enable one person to do the weighing. The firm seeks agents. WRITE: Charlie Harms, Natl. Sales Mgr., Hawkeye Steel Products, Dept. CN, P.O. Box 2000, Houghton, Iowa 52631 U.S.A. Telex: 47-8452.

SELF-ADJUSTING UNIT HOLDS PITS — One person can operate the adjustable "Uncle Moe Pig Holder No. 2," which can accommodate day-old to 22.5-kg pigs. Pigs requiring castration or repair of ruptures or prolapses can be secured in this machine, which spreads the animal's legs to the proper width. Agents, distributors, and licensees are sought. WRITE: Dean Meador, Meador Swine Health Developers, Dept. CN, P.O. Box 94, Lanark, Illinois 61046 U.S.A.

STAINLESS STEEL METER MEASURES MEDICATIONS — Farmers who need to administer medications to their animals can use this firm's "Duramedic Liquid Proportioner" to measure medicine directly into drinking water. This durable stainless steel device has a capacity of 28.5 liters of medication solution/per filling, contains no moving parts, and can be serviced by the owner. Agents are sought. WRITE: Alejandro Baldizon, Mgr., Animal Health Prod., Durvet, Inc., Intl. Div., Inc., Dept. CN, P.O. Box 1275 S.S.S., Springfield, Missouri 65805 U.S.A. Telex: 43-6443.

SWINE FEEDER ELIMINATES WASTE — The "Model FX Swine Finishing Feeder" is designed to feed pigs in the final stages of growth. It allows animals to eat and drink at the same location, since its cast-iron trough accommodates nipple drinkers. Priced from $125 to $500, the feeder has feed openings of 30 cm on center and widths of 70 to 85 cm. Any length requested by the customer can be provided. A top-adjusting feed control allows the user to fine tune feed flow. Agents are sought for this 100-kg capacity feeder. WRITE: Charlie Harms, Natl. Sales Mgr., Hawkeye Steel Products,. Dept. CN, P.O. Box 2000, Houghton, Iowa 52631 U.S.A. Telex: 47-8452.

SYSTEM KEEPS POULTRY WATER CLEAN AND FRESH — According to the manufacturer, the "Agri Dry Drinker Poultry Watering System" prevents water squirting and over-filled cups which can result in wet, caked litter and excessive ammonia fumes. The closed cups provided in this $35 system keep water fresh and clean. Agents are sought for this easy-to-install system shipped in 3-m sections, 24/box. WRITE: Joanne Lack, Pres., Moneysaver International, Dept. CN, P.O. Box 406, Aurora, Missouri 65605 U.S.A. TWX: 910-760- 2452 Att.: MONEYSAVER.

FAST, ACCURATE ANIMAL SCALE — Sheep, goats, large sows, or boards calves and other small animals can be weighed in 30 seconds on the "Arkfeld Instant-Way Large Animal Scale." Priced at $699.50, the scale is warranted to be accurate within two percent and has devices designed to keep the scale pointer on target while an animal is being weighed. The scale's dial indicates both kilos and pounds, and the scale itself is constructed of metal to allow disinfecting when necessary. The portable scale has easy-to-move single gates, wheels, and handles. WRITE: G. L. Arkfeld, Pres., Arkfeld Mfg. & Distr. Co., Inc., Dept. CN, P.O. Box 54, Norfolk, Nebraska 68701 U.S.A.

MILK MACHINE HELPS REDUCE MASTITIS -- The "Omega II Milker" is designed to reduce mastitis by lowering the possibility of cross-contamination from infected teats. The unit's uniquely shaped float reduces udder injury, and cows stay healthier and more productive, according to the firm. The machine, which can be cleaned in place, costs from $150 to $300. Agents are sought. WRITE: Keith Backhaus, Dir. of Merchandising, Zero Manufacturing Co., Dept. CN, 811 Duncan Ave., Washington, Missouri 63090-9988 U.S.A. Telex: 44-2476.

NATURAL FEEDING SYSTEM FOR LIVESTOCK -- Powdered milk and warm water are mixed together and dispensed through a nipple to allow young farm animals to nurse naturally via this firm's "Mini Robot." Designed primarily for feeding lambs and calves, the system features adjustable milk concentration and temperature. Agents are sought for this $400 system, which is said to be in wide use in Europe. WRITE: John M. Legrain, Dir. of Mktg., Maternal Robot Corp., P.O. Box 170 B, Rte. 2, Bell Buckle, Tennessee 37020 U.S.A.

PORTABLE AUTOMATIC MILKING SYSTEM -- Recommended for rural areas with low voltage problems or where electric power is lacking, the "Super Mini Milker" operates free from external power sources. Agents are sought for this self-contained system, designed to increase production and improve sanitation. The price ranges from $1,500 to $2,500. WRITE: A. D. Schulman, Pres., International Agricultural Associates, Inc., Dept. CN, 42-44 S. Broad St., Nazareth, Pennsylvania 18064 U.S.A. Telex: 84-7321. Cable: INAGRA. Target: [5]

TURNKEY POULTRY-GROWING PLANT -- This firm's air-cooled/air conditioned "Complete Poultry Production Plant," priced from $50,000, is custom designed with local environmental conditions in mind. The turnkey project includes constructions for broilers, layers, parent stock, and turkeys. Laying batteries and feeding installations are provided, and the firm offers maintenance, spare parts, and technical assistance. WRITE: F. Goossens, Asst. Vice Pres., Bio-Industries, Inc., Dept. CN, 30 NCNB Plaza, Chapel Hill, North Carolina 27514 U.S.A. Telex: 494-6312 BIO US. Target: [4] [6]

STEEL PEN CONFINES LIVESTOCK -- Farmers and livestock producers can use this firm's "Animal Pen" to protect animals from disease and keep them safe until market time. Priced from $224 to $307, the pen features galvanized or coated wire floors, durable steel gates, and 5- to 7.6-cm flat or angle steel frames. Agents and distributors are sought for the firm's animal confinement equipment, designed for convenience and safety. WRITE: Donald Irelan, J & D Farrowing Stalls, Dept. CN, Rt. 1, Box 223, Wabash, Indiana 46992 U.S.A.

EAR TAGS IDENTIFY LIVESTOCK -- Permanent numbers and letter coding can be put on a "Hasco Metal Livestock Ear Tag" to aid identification of livestock. Tags can be easily attached even to the thickest ears with the use of a tagging hand tool. Priced from $30 to $50/thousand, the tag is available in many sizes and colors to accommdate many kinds of animals. Distributors are sought for this self-piercing, self-locking ear tag. WRITE: Tom V. Haas, Pres., Hasco Tag Co., Dept. CN, P.O. Box 130, 2nd & Kenton Sts., Dayton, Kentucky 41074-0130 U.S.A. Telex: 24-1468. Cable: BAN COM CN.

ELECTRONIC SCALE WEIGHS LIVESTOCK, COMMODITIES -- With accuracy to one kg, the "Butler Universal Scale" uses load cell technology and microprocessor components to weigh bulk commodities, feed, and livestock. The platform size varies up to 2 m long and 1.2 m wide, with a capacity to 2,000 kg. Agents and distributors are wanted for this $2,000 to $2,500 scale. WRITE: Al Gassman, Intl. Exp. Admin., Butler Livestock Systems, Dept. CN, 801 Janesville Ave., Ft. Atkinson, Wisconsin 53538 U.S.A. Telex: 684-1054. Cable: BUMANCO.

LEG BAND MARKS POULTRY -- This firm's "Poultry Leg Band" has been used successfully by poultry farmers and researchers for over 80 years, according to the manufacturer. It can be numbered and letter-coded to identify poultry for breeding, research, or disease control. Orders are filled to customer specifications, and the price ranges from $25 to $75/1,000 units. Agents are sought for the leg band, available in many colorrs and sizes. WRITE: Linda Collins, National Band & Tag Co., Dept. CN, 721 York St., Box 30, Newport, Kentucky 41072-0430 U.S.A.

SELF-CONTAINED SPRAYER CONTROLS PARASITES -- Up to 175 animals/h can be treated for external parasites such as ticks with the "Bowman Box Sprayer." Approved by the U.S. Government for scabies and tick control, this unit saturates animals as thoroughly as dipping and is powered by a 17-hp two-cycle engine. The unit's body is constructed of 12-gauge sheet steel, and a two-stage filtering and chemical reuse design eliminates clogging. The firm seeks agents. WRITE: Jim Bowman, Pres., Bowman Livestock Equipment Co., Dept. CN, 505 N. Main St., Ste. 202, Fremont, Nebraska 68025 U.S.A. Target: [5]

ADJUSTABLE UNIT FEEDS SMALL PIGS — Designed for swine weighing from 14 to 27 kg, the "Swine Nursery Feeder" is a stainless or galvanized steel unit described as easy to clean and disinfect. It features top-adjusting feed control and comes with capacities of 45 to 180 kg of feed. Available in single- or double-sided versions, it has a convenient screw mechanism to adjust the feed slide. Agents are sought for this product, which costs from $30 to $140. WRITE: Charlie Harms, Natl. Sales Mgr., Hawkeye Steel Products, Dept. CN, P.O. Box 2000, Houghton, Iowa 52631 U.S.A. Telex: 47-8452.

DISPOSABLE BOOTS PREVENT CONTAMINATION — Livestock farmers visited by buyers or veterinarians can help eliminate the spread of disease by having visitors use this firm's "Plastic Tie Boots." Priced at $7.50/box of 50, the large polyethylene boots are worn over the shoe and secured by convenient tie closures. Agents are sought. WRITE: Gordon Marquart, Dir., Intl. Sales, Nasco, Dept. CN, 901 Janesville Ave., Ft. Atkinson, Wisconsin 53538 U.S.A. Telex: 26-5476.

SPREADER DISTRIBUTES FERTILIZER EVENLY — The "Nu Hawk PTO Spreader" has a capacity of 1,8 t and a spread pattern of 13.7m. The user can easily change the implement's setting to ensure accurate fertilizer distribution, and corrosion-resistant seals add to the durability of the machine, according to the firm. The $2,000 machine is said to be easy to service, clean, and inspect. Agents are sought. WRITE: Pierre A. Gonthier, Highway Equipment Co., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

PLANTER MONITOR HAS PHOTOELECTRIC SEED SENSORS — A flashing row indicator system that instantly detects seed flow interruption and photoelectric seed sensors are key features of the "Dickey-john Planter Monitor." The $400 to $1,800 device allows the farmer to accurately determine the plant population to increase yields. It also features an automatic sensor check that allows the user to determine whether the sensors are operating correctly. WRITE: Mary Ellen Capen, Intl. Customer Ser. Mgr., DICKEY-john Corp., Dept. CN, P.O. Box 10, Auburn, Illinois 62615 U.S.A. Telex: 25-0132.

METERING UNIT FOR ACCURATE TRANSPLANTING -- The "Model 3000 Metering Unit" allows one individual to plant 60 to 100 "Speedling" transplants/min while maintaining a uniform planting depth. As a result, planting speed is claimed to be up to one and one half times faster than bare root transplanting with two people per row. Most Todd planter flats using small or medium plants are easily accommodated by this device, priced from $650. Agents are sought. WRITE: John C. E. Luard, Mechanical Transplanter Co., OPICO, Dept. CN, Box 849, Mobile, Alabama 36601 U.S.A. Telex: 46-0166. Cable: OPICO MOBILE.

TRACTOR-MOUNTED PLANTER — Designed for one- or multi-row operation, the "Powell 12MX Tractor-Mounted Planter-Fertilizer" has a carriage that allows independent positioning of the seed opener and press wheels and ensures reliable operation. Positive seed depth control is provided by spring loading of the seed opener. Agents are sought for this implement, priced from $400, which comes with easily interchangeable seed plates and a choice of gears for seed spacing control. WRITE: Pierre A. Gonthier, Powell Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

GRAIN AND VEGETABLE PLANTER FOR SMALL FARMS — The "Tye Estate Planter" plants wheat, rice, soybeans, and other grains, as well as vegetables such as corn, turnips, and lentils. It is available in three-point or pull-type versions and can be animal drawn. Planting widths are 121 and 163 cm with rows of 15-, 20-, or 25-cm spacings. Described as easy to adjust and operate, the planter features an internally fluted seed dispenser and costs from $1,000 to $2,000. Agents are sought. WRITE: A. O. Smith, Customer Service Mgr., The Tye Co., Dept. CN, Box 218, Hwy. 70 E, Lockney, Texas 79241 U.S.A. Telex: 88-0071.

SPEEDY AUTOMATIC SEEDER -- The "Blackmore Automatic Seeder" accurately sows 62,400 seeds/h into plug trays, the firm states. Vegetable and flower growers can use the $6,000 seeding unit as basic equipment. Agents are sought for this unit, which is compatible with the firm's mechanical transplanter. WRITE: Pierre A. Gothier, Blackmore Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

MACHINE SEEDS AND FERTILIZES SIMULTANEOUSLY — The "Earthway Seeder/Fertilizer" is designed to plant vegetable seeds and apply fertilizer in just one pass. In one operation, this $175 to $225 implement opens the soil to the correct depth, seeds, fertilizes, and forms a crown of soil over the seedbed. Said to be strong and corrosion-resistant, the machine is easily attached to three-point, drawbar, or sleeve hitches. The firm seeks agents. WRITE: Ken Pickett, Gen. Mgr., Earthway Products Inc., Dept. CN, 1009 Maple St., P.O. Box 547, Bristol, Indiana 46507 U.S.A.

SPREADER FOR ALL TYPES OF MANURE — With a heaped capacity of 225 bushels, the "NuHawk Apron Chain Manure Spreader" can be used by livestock producers to spread manure on cropland. Its new T-rod chain is less likely to freeze to the bottom of the spreader in winter, and less chain contact with the bottom reduces friction that may rob power from the apron chain operation. A special hitch is designed to improve traction. Agents and distributors are sought for this versatile implment, which costs from $4,000 to $5,000. WRITE: Lawrence E. Basile, Ad. Mgr., Highway Equipment Co., Dept. CN, 616 D Ave. NW., Cedar Rapids, Iowa 52405 U.S.A.

CONSERVATION TILLAGE PLANTER — Superior planting with less horsepower is said to result from use of the "Buffalo Computerized Drive Planter." Its control box tells the operator the number of acres planted, speed of planting, and the population setting. Priced from $4,000 to $40,000 the machine is available in unit, central, or computerized drive and carries a two-season warranty. Agents are sought for this implement, which can be purchased with special attachments. WRITE: Mathew Fleischer, Pres., Fleischer Manufacturing, Inc., Dept. CN, P.O. Box 848, Columbus, Nebraska 68601 U.S.A.

MACHINE PLANTS SEEDS ACCURATELY — Precision planting and positive depth control are said to be possible with the "Heath Universal Planter." Doubles and skips are virtually eliminated by this planter, according to the manufacturer, and crops emerge uniformly because of its ability to plant seeds at a precise depth. The machine features a single disc and shoe and, semi-pneumatic depth gauge wheels designed to create an excellent seed environment. Agents are sought for the planter, priced at $1,200 per row, and said to provide immediate savings in seed costs. WRITE: C.M. Dodson, Jr., Pres., HFE Engineering & Sales, Inc., Dept. CN, 521 N. Link Lane, Ft. Collins, Colorado 80524 U.S.A.

SPREADER DISTRIBUTES SEED AND FERTILIZER — With a hopper capacity of .03 to 1.13 m3, the "Herd Model 750 Spreader" can distribute seeds or fertilizer onto farmland, orchards, and golf courses. This $400 machine can be adjusted to distribute as little as 3.4 kg/ha and 56 to 1,120 kg of fertilizer/ha. Agents are sought. WRITE: Pierre A. Gonthier, Herd Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

PRECISION SEEDER SAVES MONEY — Approximately $500/h can be saved by users of the "Ventura Precision Seeder," according to the manufacturer. The seeder is said to be the fastest plug flat filler, dippler, seeder, and caser currently available anywhere. In addition, the seeder makes plant growth possible on soils too worn to support seed germination and assists those seeking to raise plants in areas with short growing seasons or lacking water. The firm desires agents for this $25,000 device. WRITE: Alvin F. Aggen, Ventura Manufacturing & Implement Co., Dept. CN, 1265 Commercial Ave., Oxnard, California 93030 U.S.A.

PRECISION DRILL FOR PLANTING — The 4-m "Solid Stand End Wheel Drill" provides accurate seed placement through the use of depth-controlling press wheels which gauge planting depth. Users can quickly adjust planting depth with the drill's special dial-a-depth system. Priced from $5,000 to $10,000, the drill features ruggedly constructed components, including tongue, box, seed box, end panels, and front disk opener mounting. Many options for the drill are available. Agents are sought. WRITE: Eric Lund, Vice Pres., Mktg., Great Plains Mfg. Inc., Dept. CN, P.O. Box 218, Assaria, Kansas 67416 U.S.A. Telex: 50-212.

SPREADER DISTRIBUTES FERTILIZER EVENLY — The "Nu Hawk PTO Spreader" has a capacity of 1.8 t and a spread pattern of 13.7m. The user can easily change the implement's setting to ensure accurate fertilizer distribution, and corrosion-resistant seals add to the durability of the machine, according to the firm. The $2,000 machine is said to be easy to service, clean, and inspect. Agents are sought. WRITE: Pierre A. Gonthier, Highway Equipment Co., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

SOD SEEDER RESTORES PASTURES -- Pastures can be improved and restored with the Pasture Dream," which precisely plants new seed in existing sod while simultaneously placing fertilizer. Designed to sow a variety of seeds without disturbing existing soil or grasses, it provides an economical means of reseeding existing pasture land. The implement is priced from $2,000 to $3,000. WRITE: Toney K. Roberts, Vice Pres., Midland Manufacturing Co., Dept. CN, Rt. 1, Box 500, Scooba, Mississippi 39358 U.S.A. Target: [4]

PLANTER HAS MANY AVAILABLE OPTIONS — Said to be one of the few remaining row crop planters available with individual fertilizer hoppers and a variety of seed plates, the "Burch Excel Planter" can be used for planting corn, cotton, soybeans, and sorghums. The planter is priced from $2,000 to $4,000 and is said to be simple to operate as well as accurate. Agents are sought for the planter which is available with many options. WRITE: James Burch, Burch, AMICO, Dept. CN, P.O. Box 600-367, N. Miami Beach, Florida 33160 U.S.A. Telex: 51-2346.

VEHICLE APPLIES FERTILIZER -- Fertilizer dealers, large farms, and wastewater facilities can use the "High Flotation Applicator Vehicle" to spray, spread, and inject fertilizers, sludge, or pesticides on agricultural fields. Priced from $65,000, the diesel-powered, self-propelled vehicle has either two-, four-, or six-wheel drive. An automatic transmission is available, and the vehicle's high flotation tires allow mobility in all types of soil, according to the manufacturer. Agents and distributors are sought. WRITE: Russell Jones, Pres., Floater Vehicle, Inc., Dept. CN, P.O. Box 24, Hallsville, Ohio 45633 U.S.A. TWX: 810-339-2090.

MARKER FOR ANY SIZE DRILL, PLANTER, OR AIR SEEDER -- Designed to prevent skips and overlaps when seeding, the "Poma Hydraulic Folding Marker" allows the operator complete control from inside the tractor cab. Priced from $750 to $2,200, the implement features a lower profile to allow better clearance and a sequence valve to raise and lower markers in sequence at the end of each round. Agents and distributors are sought for this durable, square tube constructed marker, which is available in many colors. WRITE: Oliver Haugen, Poma Industries, Inc., Dept. CN, R.R. 2, Box 44A, Mayville, North Dakota 58257 U.S.A. Target: [1]

SEEDER, CULTIVATOR FOR BACKYARD FARMER -- The "Earthway Precision Garden Seeder" is equipped with six seed plates for planting corn, beans, peas, radishes, carrots and beets. Fifteen other vegetable varieties can be planted with these same seed plates. The machine also has an adjustable ground opener and row marker. A two-wheel design makes this garden cultivator easy to push in many kinds of soil. Tools included with the cultivator are a five-tine cultivator, a slicing hoe, and a dual-width furrow plow. The depth setting is adjustable and easy to maintain. Agents are sought for this product, which is priced from $50 to $75. WRITE: John C. E. Luard, Earthway Products, OPICO, Dept. CN, P.O. Box 849, Mobile, Alabama 36601 U.S.A. Telex. 46-0166. Cable: OPICO MOBILE.

EASY-TO-USE HAND SEEDER -- Because it features a large front wheel with wooden handles, the "Planet Jr. Hand Pushed Seeder" is easy to push. This $300 implement is well suited for planting vegetable seeds, and its sets of 39 holes allow the user to use the same machine to plant all types of seeds. Its design also includes metal gears and metal seed plates. Agents are sought. WRITE: Pierre A. Gonthier, Powell Manufacturing, Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

TURBO-CHARGED FERTILIZER APPLICATOR -- Designed by a company that specializes in custom fertilizer applicators, the "Big Wheels Model 9003 Pneumatic DP/Injector" can be used by farmers to apply wet or dry fertilizers or ammonia. It features a diesel engine, full front and rear flotation tires, and the capacity to convert to a liquid/granular fertilizer or lime applicator. Agents are sought for this $250 product, which comes with a three-year warranty on its powertrain. WRITE: John C. E. Luard, Big Wheels, Inc., OPICO, Dept. CN, P.O. Box 849, Mobile, Alabama 36601 U.S.A. Telex: 46-0166. Cable: OPICO MOBILE.

PLANTING SYSTEM ELIMINATES PLOWING, DISKING -- The "Buffalo All-Flex Disking Planter" is said to increase profits per acre by reducing wind erosion, evaporation, and run-off, and by eliminating some tillage operations. This $2,000 machine can plant corn, sorghum, soya, and other crops without cultivation. Agents are sought for this implement, which is now available with high-speed, plateless units. WRITE: Pierre A. Gonthier, Fleischer Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6213. Cable: DALTCOOP.

SELF-CONTAINED PLANTER FOR CORN, SOYBEANS -- Once mounted, this firm's "Plateless Planter" is said to provide economical, precision planting of corn and soybeans without the need for a seed plate. It has an independent drive chassis and a special adjustable spring mechanism for the seed opener to ensure consistent seed depth. Since there are no plates, clogging problems are eliminated. Optional equipment such as chemical applicators and fertilizer attachments are available for the planter which ranges in price from $2,500 to $17,000. The company seeks agents. WRITE: John C. E. Luard, Powell Manufacturing Co., OPICO, Dept. CN, P.O. Box 849, Mobile, Alabama 36601 U.S.A. Telex: 46-0166. Cable: OPICO MOBILE.

DRILL PLANTS DIFFICULT SEEDS -- Prairie grasses, seeds, grains, and legumes can be planted successfully with the $6,500 "Truax Drill Planter." This heavy-duty, double-disc drill is designed to meter and plant seeds in prepared seedbeds as well as in old sod or fields. The drill eliminates the need for plugging. The seed is moved down oversized seed passages and placed in the soil at the precise depth required. The firm seeks agents, distributors, and licensees. WRITE: James R. Truax, Pres., Truax Co., Dept. CN, 3717 Vera Cruz Ave. N., Minneapolis, Minnesota 55422 U.S.A.

MACHINE TRANSPLANTS SEEDLINGS -- The "Holland Transplanter," priced at $500, takes seedlings and transplants them to the field where they can grow to maturity. The implement is available in single- or multi-row versions with watering and fertilizing capabilities and tractor-mounted or pull-type mechanical units. Potatoes and potted plants can be handled with optional attachments. Agents are sought. WRITE: Pierre A. Gonthier, Holland Manufacturing, Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

ECONOMICAL GRASS SEEDER -- Said to pay for itself within two seasons, the "Brillion Grass Seeder" precisely measures and plants grass and legume seeds without wasting precious seeds. Agents are sought for the $1,200 seeder, which features separate seed boxes for seeds of different textures. The seeder is available in pull-type or tractor units and can be used by farmers as well as park or landscape contractors. WRITE:

Pierre A. Gonthier, Brillion Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

BACKHOE IS EASY TO MANEUVER -- Available with five bucket sizes and shielded stabilizers, the "Backhoe Model 90" is designed for digging and ditching work. This machine is suited to a 35- to 90-hp tractor and is described as comfortable and easy to operate. A 180o bucket curl is part of the design, which allows the user to dig square corners at full depth while eliminating spills at full loading height. Agents are sought for the $3,200 to $5,000 backhoe. WRITE: John C. E. Luard, Ameriquip Corp., OPICO, Dept. CN, P.O. Box 849, Mobile, Alabama 36609 U.S.A. Telex: 46-0166. Cable: OPICO.

BACKHOE FOR DITCHING -- Rigidly mounted to most three-point tractors and some skid steer loaders, the "C. C. Kelley Backhoe" can be used to prepare and clean irrigation ditches. Available versions can dig 182, 244, 305, or 366 cm. A specially patented hydraulic "cushion valve" provides smooth control and less maintenance for this $1,500 to $4,000 implement. Bucket sizes from 30.5 to 91.4 cm are available. Agents are sought. WRITE: Tony Downing, C. C. Kelley & Son, AMICO, Box 600-367, N. Miami Beach, Florida 33160 U.S.A. Telex: 51-2346.

POST HOLE DIGGER FITS SMALL TRACTORS -- Claimed to be stronger and tougher than comparable post hole diggers, the "Model G 20/40 Post Hole Digger" can be used on small 20- to 40-hp tractors to dig holes for posts, pilings, and trees or for pouring piers. The $700 machine is capable of digging holes up to 60.96 cm in diameter. WRITE: Earl O'Rourke, Gen. Sales Mgr., Danuser Machine Co., Dept. CN, 500 E. Third St., Fulton, Missouri 65251 U.S.A.

CUTTER CLEARS FIELD AND FOREST -- Farmers can clear their land of overgrown bushes and grasses with the "Southeast Big-Ox Heavy Duty Commercial Rotary Cutter." This machine, selling for $500 and up, cuts branches and heavy grasses and then shreds them. It is built with an especially thick deck reinforced with heavy duty angles to assure long life. Available sizes are 50 and 160 cm. Both the lift and the drag versions feature a slip clutch. The firm seeks agents. WRITE: Pierre A. Gonthier, Southeast Manufacturing, Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

HEAVY-DUTY BLADE FOR LEVELING -- The "Southeast Big Ox Rear Blade Model BXH3" has a reversible cutting blade and is designed for soil leveling. It features a 50.28-cm high moldboard of thick steel to provide maximum strength. The manufacturer seeks agents for this implement, priced from $199, which can be used with Cat 2 or 3 hitch tractors. WRITE: Pierre A. Gonthier, Southeast Manufacturing, Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

MACHINE MOVES SMALL OR LARGE ROCKS -- Said to outpick 40 laborers, the "Series E Anderson Rock Picker" is capable of continually picking rocks from fields at a speed of 1.6 to 8 kph. The $8,000 to $10,000 machine features a self-cleaning apron, extra heavy frame, shock-protected reel and a 1.8-t capacity hopper. In severe conditions, the machine can remove 90 to 135 t/day. Agents are sought for the machine which requires a wheel-type 40-hp tractor to operate. WRITE: Lee Andrews, Pres., Armor Metal Products, Dept. CN, 2500 Phoenix Ave., P.O. Box 4609, Helena, Montana 59604 U.S.A. Target: [6]

POST DRIVER FOR FARM AND COMMERCIAL USE -- Only a few strokes of the "Model MD-6 P.T.O. Driver" are required to set wood or steel posts firmly in the ground, according to the manufacturer. This post driver requires no hydraulics and is said to be the only machine of its kind to operate from the tractor PTO. A quick adjustment allows the driver to set posts in uneven ground or perpendicularly on hillsides. This $1,800 machine is available for tractors with 540 rpm PTO. WRITE: Earl O'Rourke, Gen. Sales Mgr., Danuser Machine Co., Dept. CN, 500 E. Third St., Fulton, Missouri 65251 U.S.A.

FAST, ACCURATE POST HOLE DIGGER -- Larger tractors of 40 hp and up can use the "Model F8 Post Hole Digger" to dig holes for posts, pilings, trees, foundations, and seedling settings. The machine has heavy tubular members, a baked enamel finish, and a safety shear bolt. Its gearbox is said to be stronger than others currently available. This $1,200 post hole digger comes with an auger that is available in sizes from 10.16 to 76.20 cm. WRITE: Earl O'Rourke, Gen. Sales Mgr., Danuser Machine Co., Dept. CN, 500 E. Third St., Fulton, Missouri 65251 U.S.A.

PLANE CAN SPRAY AND FERTILIZE CROPS -- Described by the manufacturer as the ultimate agricultural plane, the "Air Tractor" features a Pratt and Whitney engine, large high-flotation tires, and an advanced airframe. Priced from $100,000 to $350,000, the plane can be used for crop spraying and fertilizing, and is said to be cost-efficient, versatile, and reliable. Agents are sought. WRITE: Philip A. Marsteller, Vice Pres. Marsteller International, Inc., Dept. CN, Williams Square, 5215 N. O'Connor Rd., Ste. 665, Irving, Texas 75039 U.S.A. TWX: 650-263-0050. Target: [4] [5] [6] [8].

AIRPLANE APPLIES AGRICULTURAL CHEMICALS -- The "Schweizer Ag-Cat" airplane features a new raised-wing design to provide greater maneuverability, visibility, and speed. It is said to be capable of rough, short field performance while handling big loads. The airplane, using automotive fuel, is designed for economical, efficient operation. Agents are sought. WRITE: Richard Reade, Pres., Mid-Continent Aircraft Corp., Dept. CN, Drawer L, Hayti, Missouri 63851 U.S.A. Telex: 44-7183.

SPRAYER REDUCES COSTS -- Ultralight and small aircraft using this firm's "Aero-SprA" can inexpensively spray up to 150 acres/h. This is said to reduce costs of conventional aerial application of chemicals from $3.50 to a range of $.30 to $.50/acre. Agents are sought for this $2,500 device WRITE: Craig G. Broyhill, Chief Oper. Officer, The Broyhill Co., Dept. CN, N. Market Square, Dakota City, Nebraska 68731 U.S.A. Telex: 43-8082. Cable: BROYCO. Target: [4] [6]

SPRAYER REDUCES WATER REQUIREMENTS -- The "Rota-Mizer" field spraying device uses controlled droplet application and ultra-low volume to spray fields with pesticides and herbicides. A tractor's hydraulic system operates its series of hydraulic motors powering rotating nozzles. Spinning cones distribute chemicals uniformly with very little drift and evaporation. This $7,000 to $15,000 machine is available with a three-point tractor hitch, and as a skid mounted or self-propelled unit. WRITE: Allen Pulley, Admin. Sales Mgr., Farm Fans, Inc., Dept. CN, 5900 Elmwood Ave., Indianapolis, Indiana 46203 U.S.A. Telex: 88-3323.

MACHINE HELPS PREVENT SEEDLING DISEASES -- This firm's "Accu-Treat Chemical Seed Treater" delivers fungicide and pesticides to seeds to protect them from disease. The stainless steel treater employs electronic sensors to assure accurate chemical-to-seed application rates. Other features of the $12,000 to $16,000 machine include long-lasting nylon chemical discs, non-plugging spray nozzles, and continuous flushing of the metering system to reduce chemical buildup. The firm seeks distributors. WRITE: J.R. Jones, Vice Pres., Gustafson, Inc., Dept. CN, 1400 Preston Rd., Ste. 400, Plano, Texas 75075 U.S.A. Telex: 73-0957.

TRAILING UNIT SPRAYS CHEMICALS -- Designed to be pulled by a three-wheeler, or similar small-engine machine, the "Little Big Rig" can be used for killing weeds or applying fertilizer on small acreages. Priced from $600 to $1,300, the lightweight unit is said to be ideal for rough areas and spot applications. Agents and distributors are sought for the machine, which is designed to cover up to 150 acres/day. WRITE: J.C. Uhling, Gen. Mgr., Wimer Machine Works, Inc., Dept. CN, P.O. Box 445, Cottonwood, Idaho 83522 U.S.A.

AUTOMATIC CHEMICAL CONTROL -- Danger of over- or underapplying chemicals is prevented by using of the "Dickey-john SC1000 Sprayer Control." The user selects a chemical application rate and enters it into the system's memory, where it is retained. Nozzle pressure, application rate, ground speed, and area are all provided in a convenient LCD digital readout. The $1,000 to $2,000 system also indicates when the tank is empty. WRITE: Mary Ellen Capen, Intl. Customer Ser. Mgr., DICKEY-john Corp., P.O. Box 10, Auburn, Illinois 62615 U.S.A. Telex: 25-0132.

NOZZLE ENSURES EVEN CHEMICAL APPLICATION -- Using controlled droplet application, the "Micromax" rotary atomizer nozzle produces even chemical sprays with less water usage. Three different speeds allow the user to select the proper droplet for the chemical to be applied, the target to be covered, and the prevailing atomospheric conditions. Agents are sought for the $65 to $850 device, which is available by itself or as part of a kit containing five nozzles, all plumbing, electrical wiring and connections, an electrical pump and a 208-liter tank. WRITE: Humberto Banos, Dir., Intl. Oper., Micron Corp., Dept. CN, P.O. Box 19698, Houston, Texas 77224 U.S.A. Telex: 79-2511. Target: [3] [4] [5]

APPLICATOR FOR AMMONIA -- Small and average-size farms can benefit from the "Anhydrous Ammonia Applicator," according to the manufacturer. Its tool bar has a "John Blue Nitrolator Meter" to permit precise anhydrous application when used with a nurse tank. It also features a 7.62-cm bar, three-point hitch, and heat-treated, boride-coated blades. Agents are sought for the applicator, which costs from $1,900 to $2,500 and is available with either a standard or flow equalizer manifold. WRITE: John C.E. Luard, John Blue Co., Inc., OPICO, Dept. CN, P.O. Box 849, Mobile, Alabama 36601 U.S.A. Telex: 46-0166. Cable: OPICO MOBILE.

SELF-PRIMING PUMP HAS DUAL FUNCTION -- Designed to serve as both a spray pump and filling pump, this firm's "Self-priming Centrifugal Pump" is made of pressure-tested cast iron and has a closed, molded nylon impeller mounted on a stainless steel shaft. The pump is said to save farmers time and money by serving as a pump to fill sprayer tanks and as a primary spraying pump. The price ranges from $325 to $625. Agents are sought. WRITE: Deborah North, Exp. Mktg. Mgr., Hypro Div. Lear Siegler, Inc., Dept. CN, 375 Fifth Ave. NW., St. Paul, Minnesota 55112 U.S.A. Telex: 29-7073. Cable: HYPROENG. Target: [1] [2] [3] [4] [5] [7] [8]

HAND-HELD WEED KILLER -- The "Sideswipe" hand-held herbicide applicator can be used by homeowners, landscapers, fruit and vegetable growers, and groundskeepers to kill unwanted vegetation. Its lightweight design enables the user to spray hard-to-reach places, and it is said to be safer to use around vegetables than other herbicides currently available. Agents are sought for this $20 product. WRITE: Steve L. Struve, Pres., Sideswipe, Inc., Dept. CN, 119 W. 6th St., Box 909, Friona, Texas 79035 U.S.A.

COMPACT LAWN AND NURSERY SPRAYER -- The "Portaspray Solar Cart" is a 48 liter cart sprayer which is operated by a 12-V battery and centrifugal pumping system. Capable of applying chemicals for two hours before requiring recharging, this machine needs no engine or gas, runs noiselessly, and is available with an optional night a.c. charger. The battery can also be recharged with household current or solar panel. Agents are sought for this $395 to $549 sprayer. WRITE: Craig G. Broyhill, Chief Op. Officer, The Broyhill Co., Dept. CN, N. Market Sq., Dakota City, Nebraska 68731 U.S.A. Telex: 43-8082. Cable: BROYCO. Target: [4] [6]

MONITOR SIGNALS GRAIN SPOILAGE -- Custom-designed for any size grain installation, the "Hot Spot Grain Temperature Detector" accurately detects temperature changes within stored grain. The detector is available as a portable unit or as a computer-based controller which can scan up to 28,000 temperature sensing points. Agents are sought. WRITE: S. Peter Tan, Dir. of Intl. Mktg./Projects, George A. Rolfes Co., Dept. CN, P.O. Box 458, Boone, Iowa 50036 U.S.A. TWX: 910-520-2431. Cable: GEO ROLFS BNOE.

TEST KITS DETECT MEAT ADULTERATION -- The "Profit and Orbit Test Kits" enable food safety inspectors, exporters, and importers to detect five percent adulteration of raw beef or poultry. Priced from $95 to $125, the unique kit is specially designed to detect cross species contamination. According to the manufacturer, meat purity is easy to determine with this product, which requires no special training to use and includes simple instructions. WRITE: Vicky L. Chance, Mktg. Mgr., Granite Diagnostics, Box 908, 2990 Anthony Rd., Burlington, North Carolina 27215 U.S.A. Target: [3] [4] [5]

WHEAT THRESHER AIDS RESEARCHERS -- Scientists and researchers who study seeds and grain can use the portable "Wheat Head Thresher" to thresh one head of wheat or other small grain. This tabletop machine has a variable speed motor, clear plastic column, rubber impeller, and rubber-lined housing to minimize seed breakage. Priced from $385 to $425, the machine weighs 14 kg and can be obtained in a 110 V/60 hz or 220 V/50 hz version. The firm seeks agents for this device, which is designed to speed grain research. WRITE: Suzanne Westerhold, Office Mgr., Precision Machine Co., Inc., Dept. CN, 2933 N. 36th St., Lincoln, Nebraska 68504 U.S.A.

KIT CHECKS FOR ANTIBIOTIC RESIDUES IN CATTLE -- The "CAST and LAST" test kits help beef producers, processors, and government inspectors detect antibiotic and sulfa drug residues in cattle. Requiring no equipment and easy to use on the farm, these $19.95 kits test the urine or serum of live animals or kidneys in carcasses. Agents are sought for the tests, said to be simple, accurate, and economical. WRITE: Vicky L. Chance, Mktg. Mgr., Granite Diagnostics, Dept. CN, Box 908, 2990 Anthony Rd., Burlington, North Carolina 27215 U.S.A. Target: [3] [4] [5]

TEST KIT DETECTS CHEMICAL RESIDUES -- Antibiotic and chemical residues can be spotted in livestock, food, plants, and grain by the "E-Z Screen Test Kit." Said to be the only product of its kind currently available, the test provides accurate results in less than five minutes without requiring additional equipment. The product's sensitivity has been designed to comply with varying regulatory standards. Agents are sought for the kit, which is available in 25- or 100-test sizes and costs from $79 to $500. WRITE: Vicky L. Chance, Mktg. Mgr., Granite Diagnostics, Dept. CN, Box 908, 2990 Anthony Rd., Burlington, North Carolina 27215 U.S.A. Target: [1] [2] [3] [4] [5] [6] [7] [8]

HARROW HAS SPECIAL PROTECTIVE BEARINGS -- This firm's "Wheel Offset Harrow" has a cutting width of 2.64 to 5.7 m and has been equipped with dual wheels for improved flotation as well as patented "Protect-O-Shield" bearings to enhance the life of the machine. Special shock absorber gang risers are said to make rocks and stumps in fields less of a problem. Agents are sought for this $4,000 to $16,000 machine. WRITE: John C. E. Luard, AMCO Div. DCA, OPICO, Dept. CN, P.O. Box 849, Mobile, Alabama 36601 U.S.A. Telex: 46-0166. Cable: OPICO.

HARROW FOR HEAVY, CONTINUOUS USAGE -- Tempered spring teeth enable the "Knowles Spring Tooth Harrow" to smooth agricultural fields before they are planted. The wheel-mounted unit is available in three sizes and is said to require little maintenance. The "wings" fold up for easy transport. Agents are sought for this $500 implement. WRITE: Pierre Gonthier, Knowles Manufacturing, Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

SHANK ASSEMBLY FOR CULTIVATOR -- Used on an original implement or as a replacement part, the "Cultivator Shank Assembly" includes a cultivator shank, sweep or shovel, and nuts, bolts and washers. The shank is constructed of high-strength alloy steel, and the sweep or shovel is heat-treated for long life. The price ranges from $4 to $7, and the parts can be made to customer specifications. Agents are sought. WRITE: Mark D. Speciale, Pres., Beall Manufacturing, Inc., Dept. CN, P.O. Box 70, East Alton, Illinois 62024 U.S.A.

ONE-PASS SEEDBED PREPARATION TOOL -- The "Glencoe Soil Finisher" is designed to save fuel and time by acting simultaneously as a disc, cultivator, and harrow. The implement requires a tractor DBHP of 65 to 330 and is available in widths from over 330 cm to 1,230 cm. Agents are sought for this $3,000 to $20,000 implement, which is available with various shank options. WRITE: John C. E. Luard, Glencoe Div., DCA, OPICO, Dept. CN, Box 849, Mobile, Alabama 36601 U.S.A. Telex: 46-0166. Cable: OPICO.

HYDRAULIC TILLAGE TOOL -- Farmers can use the "Ace Groundhog" to work up plowed ground for planting. Its patented, hydraulically controlled smoothing bar is designed to firm the soil for extra moisture retention while eliminating tooth voids. Priced from $1,500 to $25,000, this machine offers high-speed single passes, saving fuel and resulting in perfect seed bed preparation, according to the manufacturer. Agents are sought for this implement. WRITE: Donald F. Murphy, Pres., Ace Supply, Inc., Dept. CN, 315 N. Kitt Ave., P.O. Box 1098, Caldwell, Idaho 83606-1098 U.S.A. Telex: 36-8410.

ROTO TILLER FOR FARMING, LANDSCAPING -- The "Troy-Bilt Roto Tiller," priced from $700 to $1,090, can be used with one hand to break sod and chop and till crop residues and leaves. This machine has multipurpose tines in the rear and power driven wheels to make operation easier. Other features include a tough cast-iron transmission, instant depth regulator, and wheel speed shift lever. Distributors are sought for this tiller, which is available with many options. WRITE: Bob Barlow, Jr., Intl. Admin., Garden Way Inc., Dept. CN, 102nd St. & 9th Ave., Troy, New York 12180 U.S.A. Telex: 710-443-9163. Cable: TROY-BILT.

FLEXIBLE HARROW FOR PLOWING -- The "Folding Tandem Harrow" has been designed to be flexible enough to plow the individual contours of farmland. Its disc angle adjusts from 10o to 20o to allow for any plowing conditions, and its heavy-duty tubular construction can handle rough ground. Two independently floating wings maintain a constant cutting depth on either level or rolling fields. Agents are sought for this machine which is priced from $18,000 to $27,000. WRITE: John C. E. Liard, Taylor/Pittsburgh, OPICO, Dept. CN, P.O. Box 849, Mobile, Alabama 36601 U.S.A. Telex: 46-0166. Cable: OPICO MOBILE.

RUGGED TILLAGE TOOL -- This firm's "Heavy-Duty Tandem Disc Harrow" is designed for efficient handling of the toughest primary tillage jobs. Constructed with rugged frames, hitches, and thick alloy steel tie rods, the harrows are said to cover ground rapidly, save fuel, and help reduce soil compaction for better crop growth. Agents are sought. WRITE: Gayle Buri, Sales Mgr., Krause Plow Corp., Dept. CN, 305 S. Monroe St., Hutchinson, Kansas 67501 U.S.A.

NEW HARROW CONDITIONS SOIL -- In a single pass, the "Brillion Pulvi Mulcher" provides complete secondary tillage assistance. Its narrow 223-cm design is said to allow for easy transport on farm roads and convenient shipping. The machine's roller wheels and spring teeth crush clods of earth, harrow, and condition, leaving the soil ready for planting. Agents are sought for the $2,000 inplement. WRITE: Pierre A. Gonthier, Brillion Manufacturing, Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

VERSATILE MACHINE FOR SMALL FARMS HAS MANY USES -- This single machine can plow, till, plant, and fertilize gardens and small farms, delivering up to 12 h of work/day on only 2.8 liters of gasoline. The "Iron Mule," powered by a 3-hp engine, comes with attachments for ground breaking and preparation, and for cultivation throughout the growing season. Its special cleated pulling wheel is said to provide more pulling power than any other available garden plow. The firm seeks agents for this $850 to $950 implement. WRITE: William R. Newhall, Mktg. Dir., W & J International, Dept CN., P.O. Box 1095, Dunedin, Florida 33528 U.S.A. Telex: 80-8728.

HAND-PUSHED CULTIVATOR -- A large front rubber wheel makes the "Jupiter No. 17 Wheel Hoe" easy to handle, and provides stability and direction. Agents are sought for this cultivator, which is shipped in compact pieces and comes with complete assembly instructions. The $80 tool is recommended for use in commercial gardens and truck farms. WRITE: Pierre A. Gonthier, Tilmor Co., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

DISC HARROW FOR RUGGED PLOWING JOBS -- The giant-sized $2,000 "Towner 770 Disc Harrow" combines offset and tandem characteristics and is designed for deep penetration of the soil at high speed. Weighing over 5.4 t, this harrow requires from 140 to 260 drawbar hp. Agents are sought for this implement, which is equipped with special features such as front offset and triple-seal regreasable bearings. WRITE: Pierre A. Gonthier, Towner Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALT- COOP.

TILLAGE MACHINE PRODUCES MULCH -- Said to be the only one of its kind currently available, this firm's "Shredder-Bedder" pulls and shreds stalks and roots, deposits the mulch into the soil, and reshapes the old beds in one operation. With a capacity of 1 ha/h, this $23,000 to $52,500 implement can reduce growers' costs, prevent soil erosion, and reduce pests without chemicals. Agents, representatives, and stocking distributors are sought. WRITE: Hermann H. Schmidt, Pres., HHS Enterprises E.T.C., Dept. CN, 2305 Roark Dr., Alhambra, California 91803 U.S.A. Telex: 378-1613 HHS.

ENERGY-EFFICIENT SOIL BUILDER -- Farmers can prepare their soil for planting by using the "Brillion Soil Builder," a $2,500 primary tillage tool. It features front coulters to cut up stalks, a modified chisel plow to break up the earth, and a helical moldboard to roll the earth and foster bacterial activity and spring warming. Agents are sought for this energy-efficient machine. WRITE: Pierre A Gonthier, Brillion Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALT- COOP.

DISC HARROW FOR GENERAL USE -- The "Towner 500/510 Series Disc Harrow" is designed for light to medium tillage. Constructed with triple-sealed ball bearings, this $1,500 machine has a low profile, simple depth adjustment, fore-aft balance adjustment, and variable gang-angle. Agents are sought for the durable implement, which requires 30 to 80 brawbar hp. WRITE: Pierre A. Gonthier, Towner Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

FRONT-MOUNTED CULTIVATOR HAS BETTER VISIBILITY -- Front-mounted onto the tractor, this firm's "Front-Runner Danish Tine Cultivator" reduces field fatigue for the operator, who can see the work being done. Its tines loosen, mix, and aerate the soil while destroying moisture-stealing weeds. Its tempered steel vibrates from side to side, producing aggressive working action. Distributors are sought for this implement, which is available in a rigid or flat folding model and costs from $1,750 to $7,000. WRITE: Dennis E. Lindemann, Pres., Farm Equip. Div., Lear Siegler, Inc., Dept. CN, P.O. Box 1013, Wahpeton, North Dakota 58075 U.S.A. Telex: 29-2237.

PORTABLE DISC WITH MANY VARIATIONS -- Farmers whose fields contain rough soil and stubble can use the "Crustbuster Disc" to work the ground before planting. The machine's gang angles adjust to all soil conditions, and 100 available variations allow users to choose the size, sections, and spacings for their fields. The firm seeks agents or distributors for this $6,800 to $7,500 implement. WRITE: Michael Fagen, Pres., International Trading Co. Inc., Dept. CN, 505 N. Main, Ste. 104, Fremont, Nebraska 68025 U.S.A. Telex: 48-4385.

DISC HAS PATENTED LINKAGE -- The four-section "Sunflower Disc" consists of a pair of two-section offsets specially hooked together to allow both the left and right section to work independently of each other. Its unique design reduces stress on the blade and frame while providing superior ground-following capabilities, according to the manufacturer. The disc does not ridge, even when changing from one ground condition or discing depth to another. The adjustable implement can also accomplish finish discing. WRITE: Bill Laas, Pres., Sunflower Manufacturing Co., Inc., Dept. CN, P.O. Box 628, Beloit, Kansas 67420 U.S.A. Telex: 43-7040.

DIAMOND DISK RESISTS BREAKAGE -- A unique diamond shape, which allows front and rear gangs to float independently over rocks, stumps, and other obstructions, protects the "Herman Diamond Disk" from breakage. Carried by three sets of wheels within a center frame, the disk accurately follows the ground contour and provides accurate depth control. The design also eliminates the need for lifting the disk at the end of fields and ridging when cornering. The firm seeks agents for this implement, priced from $14,000 to $40,000. WRITE: Carter B. Summers, Vice Pres., Summers Manufacturing Co., Inc., Dept. CN, 338 Railway Ave., Maddock, North Dakota 58348 U.S.A. Target: [1] [4] [5] [6]

RUGGED DIESEL-POWERED TRACTOR IS EASY TO OPERATE -- Designed to work under severe conditions, this firm's "Model 6610 Tractor" features eight-speed constant-mesh transmission for dependable, easy operation. Advantages are said to include 17 percent reduction in turning radius, high fuel efficiency, and new hydraulics to handle many functions simultaneously. WRITE: G. A. Wiseman, Regional Sales Mgr., Ford Tractor Operations, Dept. CN, 2500 Maple Rd., Troy, Michigan 48084 U.S.A. Telex: 23-5772. Target: [2] [4] [5] [6] [7] [8]

WHEEL SYSTEM ADDS TRACTION TO TRACTOR TIRES -- "T-Rail Dual Wheels" are designed to eliminate the problems of bent or warped tire rims, according to the manufacturer. Quick to install, the snap-on system uses a deluxe cast handle which snaps the clamp firmly into position. This adds flotation and traction to a tractor's original tires, which can be especially useful during rainy harvests, when fields are muddy. Agents are sought. WRITE: Daniel Fanger, Sales Mgr., Unverferth Mfg. Co. Inc., Dept. CN, P.O. Box 357, Kalida, Ohio 45853 U.S.A. TWX: 810-490-2190.

FUEL-EFFICIENT DIESEL TRACTOR -- Available in five models ranging from 47 to 98 DIN hp, the "Force II" tractor features "on-the-go" power shifts, hydraulic versatility, and a fuel-saving diesel engine. The tractor can be purchased with optional four-wheel drive and a "Super-Q" cab, said to reduce interior noise levels and improve operator safety. WRITE: G.A. Wiseman, Regional Sales Mgr., Ford Tractor Operations, Dept. CN, 2500 Maple Rd., Troy, Michigan 48084 U.S.A. Telex: 23-5772. Target: [2] [4] [5] [6] [7] [8]

STURDY TRACTOR FOR SMALL FARMS -- Priced at $3,000, this firm's "Small Agricultural Tractor" plows, cultivates, tills, spray-sheds, and clears brush. It can handle farms of up to 10 ha and is described as sturdy and simple to operate. Agents are sought for this product, which can be adapted for many jobs by changing implements. WRITE: Michael Agejew, Sales Mgr., Intl., Gravely International, Inc., Dept. CN, One Gravely Lane, Clemmons, North Carolina 27012 U.S.A. Telex: 697-1451 ARCRA.

DUAL WHEELS FOR TRACTORS — Farm tractor owners can use "Wedg-Lok Duals" as an alternative to factory dual wheels. The wheels feature a direct axle hub assembly, said to be easy to install and remove, and are also available with multiple offsets. The firm is seeking agents for the wheels, designed to offer significant savings over comparable dual wheels. WRITE: Daniel Fanger, Sales Mgr., Unverferth Mfg. Co., Inc., Dept. CN, P.O. Box 357, Kalida, Ohio 45853 U.S.A. TWX: 810-490-2190.

TRACTOR IS EASY TO SHIFT — By nudging one control lever, the operator of the "John Deere 4850 Tractor" can shift through 15 forward and four reverse speeds without clutching or braking. Drawbar pull is said to be increased by almost 20 percent by virtue of unique 13o- caster angle front-wheel drive also featured by this tractor. Tight turns similar to conventional two-wheel drive are also said to be possible with this 220-hp machine. WRITE: Gary Davison, Prod. Training Mgr., Deere & Co., Dept. CN, John Deere Rd., Moline, Illinois 61265 U.S.A. TWX: 910-654-2946. Telex: 46-8514. Cable: DEERECO MOLI.

TRACTOR HAS SOPHISTICATED ELECTRONICS — Farmers who want to measure tractor performance, including ground speed, area worked per hour, and rear wheel steering angle, can use this firm's "2096 Agricultural Tractor" to obtain English or metric performance readouts. The 115-hp machine features an electronic digital instrumentation cluster that is easy to program and 13 different indicators to monitor operating functions. The use of this tractor is said to increase efficiency and profits for the farmer. WRITE: R. M. King, Gen. Sales Mgr., J. I. Case, Dept. CN, 700 State St., Racine, Wisconsin 53404 U.S.A. TWX: 910-271-2600. Telex: 26-4426 CASE RCN-A or 26-4425 CASE RCN-B.

HIGH-HORSEPOWER TRACTOR — The "Case International Tractor Model 4494" has a special 213-hp engine, said to have taken years of engineering research to develop. The unique power-shift transmission provides easy, consistent shifting regardless of the weather, and the tractor also contains the firm's "intelligence center" and "silent guardian" cab. WRITE: R. M. King, Gen. Sales Mgr., J. I. Case, Dept. CN, 700 State St., Racine, Wisconsin 53404 U.S.A. TWX: 910-271-2600. Telex: 26-4426 CASE RCN-A or 26-4425 CASE RCN-B.

TRACTOR FOR SMALL FARMS -- Specially designed for small farms in developing countries, the "Agro-Util Model B Tractor" is simple to operate and maintain and requires few parts. This 15-17 hp diesel tractor features high ground and crop clearance, a three-point hitch, and many optional farming accessories. Agents and distributors are sought for this durable $5,000 machine. WRITE: John C. Jensen, Pres., Agro-Util, Dept. CN, P.O. Box 271, South Haven, Michigan 49090 U.S.A. Telex: 72-9452. Cable: JENJEN.

HEAVY-DUTY TRACTOR -- The rugged "Hippopatami Tractor" has been designed for tillage and soil cultivation under extreme conditions and is recommended for use in Third World nations. Users can select one of four diesel engines to power the $5,795 to $13,985 tractor, which is said to be easy to operate and maintain. Dealers and distributors are sought. WRITE: Mbugua Njoroge, Mktg. Dir., Agri-Dynamics, Dept. CN, P.O. Box 19893, 810 E. 63rd St., Kansas City, Missouri 64141 U.S.A. Cable: AGRIDYNE. Target: [7]

MACHINE TESTS TRACTORS -- New or overhauled tractors can be tested and problems diagnosed with the "Model P-400 MD Dynamometer." Equipped with digital or analog readout in metric or English configurations, the unit simulates field conditions to allow mechanics to check plugs, main clutch, compression, and other automotive functions. All horsepowers can be tested, since the monitor comes in various sizes. Agents are sought for the unit, which costs from $5,000 to $12,000. WRITE: John C. E. Luard, M & W Gear Co., OPICO, Dept. CN, P.O. Box 849, Mobile, Alabama 36609. Telex: 46-0166. Cable: OPICO.

REUSABLE VETERINARY RESEARCH TOOL -- Rigid, plexiglass "Rumen Cannulae" are designed for surgical insertion into live animals to remove samples for research. The cattle cannula comes in diameters of 11.25 or 13.75 cm, and a comparable device for sheep is approximately 8 cm in diameter. The device consists of four pieces, easily cleaned for reuse. The manufacturer seeks agents for the $45 to $70 cannula, which can be made to customer specifications and is recommended to universities and research veterinarians. WRITE: Suzanne Westerholt, Office Mgr., Precision Machine Co., Inc., Dept. CN, 2933 N. 36th St., Lincoln, Nebraska 68504 U.S.A.

COVERALLS PROTECT FROM SPRAYS AND DUST -- Agricultural workers exposed to pesticide dust and contaminating sprays can use the "Tyvek Disposable Coverall" to protect themselves from hazardous materials and to prevent the spread of disease in poultry and livestock. The coverall is said to be lightweight and durable, and has high tensile strength in all directions. Agents, distributors, and licensees are wanted for the garment, which is made to order and can be used for many tasks around the farm. WRITE: Dean Meador, Meador Swine Health Developers, Dept. CN, P.O. Box 94, Lanark, Illinois 61046 U.S.A.

ACCURATE WEIGH FEEDER HANDLES BULK MATERIAL — The "Vibra Screw Weightotaler" feeds, totalizes, or monitors bulk material throughput by weight. Described as more economical and less complex than other weigh feeders, this machine is completely computer compatible and can be serviced over the telephone. It operates at constant speed and performs its functions with the assistance of a bin discharger, feeder, or conveyor. Agents are sought for this machine, also available with variable-rate, self-regulating gravimetric feed. WRITE: Eugene R. Wahl, Pres., Vibra Screw, Inc., Dept. CN, 755 Union Blvd., Totowa, New Jersey 07511 U.S.A. Telex: 685-3382.

LOW-COST SYSTEM WEIGHS AGRICULTURAL VEHICLES — Farmers who need to control weight within a vehicle for batches, mixes, and deliveries can use the "Weighbloc Agricultural Weighing System." Accurate and easy to install, the system pays for itself within a few months, according to the firm. Priced from $1,500 to $2,500, it uses rugged, steel beam load cells and a weatherproof digital weight processor to perform net load monitoring and is designed for application to haulage vehicles of up to 18 t. Distributors and agents are sought. WRITE: Thomas Kendall, Intl. Mktg. Mgr., Lodec, Inc., Dept. CN, P.O. Box "D", Lynwood, Washington 98036 U.S.A. TWX: 910-449-0871. Target: [1] [2] [4] [5] [6] [7] [8]

MACHINE GRINDS STUMPS RAPIDLY — The "Model TM2000 Levco Stump Grinder" is the largest and fastest cutting machine of its kind currently available, the manufacturer states. The machine is designed for 80- to 200-hp tractors and is said to be capable of pulverizing a hardwood stump 60 cm in diameter in one minute. This $5,000 to $18,000 grinder can reduce stumps of any kind, age, or diameter into sawdust and chips below ground level. Agents are sought. WRITE: Jed Idollan Levco Manufacturers, Inc., AMICO, P.O. Box 600-367, N. Miami Beach, Florida 33160 U.S.A. Telex: 51-2346.

MOWER FOR HARD-TO-REACH AREAS -- The "Haban Up-Front Finishing Cut Rotary Mower" is designed for extensive lawn work and is highly maneuverable, mowing hard-to-reach areas. Mounted at the front of the machine, it operates from rear PTO power brought forward. Available mounting frame kits fit specific tractor models, and adaptor packages permit some interchangeability. Agents are sought for this $800 mower. WRITE: Pierre A. Gonthier, Haban Manufacturing, Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.S. Telex: 23-6123. Cable: DALTCOOP.

SOILLESS GREENHOUSE -- Food crops require no soil when grown in this firm's "Hydroponic Greenhouse." Specially designed for specific climates and regions, the greenhouse affords small land owners who have unproductive soil the opportunity to grow high-quality vegetable crops. The firm seeks agents for the greenhouse, priced from $20,000, and also offers technical assistance and a training program in soilless culture. WRITE: Dan J. Brentlinger, Pres., CropKing, Inc., Dept. CN, P.O. Box 310, Medina, Ohio 44258 U.S.A. Telex: 85-8449. Target: [4] [5]

GEAR DRIVE FOR VERTICAL PUMPS -- Constructed with rigid castings, case-hardened spiral bevel gears, and durable bearings, this firm's "Right Angle Gear Drive" is used with vertical turbine and propellor pumps to lift water from underground sources. Priced from $600 to $11,000, the gear drive is recommended to water and irrigation project developers. Other uses include flood control, municipal water supply, and sewage pumping. Agents and distributors are sought. WRITE: Douglas Randolph, Sec./Treas., Deran Gear, Inc., Dept. CN, Rt. 2, Box 140, Lubbock, Texas 79415 U.S.A.

UNIQUE GEAR FOR FARM WAGONS — The "Knowles Trailing Gear" is used for mounting flat beds, gravity boxes, and forage wagons while simultaneously protecting them from road shock and strain. Designed to trail accurately, the unique gear features a large structural steel frame, along with a rocking bolster and tapered roller bearings. Agents are sought for this $800 device, available in a four- or six-wheel model with capacities of 1.8 to 16.3 t. WRITE: Pierre A. Gonthier, Knowles Manufacturing, Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

DEVICE MEASURES FLUID VOLUME ELECTRONICALLY — With accuracy up to one half percent, the "Electrical Digital Meter" can be used to refuel large agricultural equipment or to dispense agricultural chemicals. Measurement of flow rates from 11 to 114 liters/min is provided at the dispensing nozzle. Stocking distributors and agents are sought for the meter, available in either stainless steel or aluminum and priced from $150 to $300. WRITE: Harry Crow, Exp. Mktg. Mgr., Great Plains Industries Inc., Dept, CN, 1711 Longfellow Lane, Wichita, Kansas 67207 U.S.A. Telex: 41-7357. Target: [2] [8]

PUMP FOR SLUDGE DISPOSAL -- With a capacity of 15,000 liters/min, the "Crisafulli Slurry Pump" agitates, mixes, and pumps even viscous and solidified sludge. Agricultural enterprises and industrial organizations with waste lagoons can use this diesel- electric- or gasoline-powered pump to handle waste disposal problems, according to the manufacturer. Agents are sought for this $7,000 to $10,000 pump, described as simple to operate and easy to maintain. WRITE: Paul E. Hull, Dir. of Mktg., Crisafulli Pump Co., Dept. CN, Box 1051, Crisafulli Dr., Glendine, Montana 59330 U.S.A.

FUNGICIDE PREVENTS MOLD, MILDEW -- Grains, corn and cotton seeds are said to benefit from treatment with this firm's "Power 5 Grain Preservative." A fungicide that inhibits mold, mildew, and fungi, the product does not corrode metals and concrete, and treated grains with up to 30 percent mositure content can be stored safely without mechanical drying for a long time. It is also easy to apply and has no adverse effects on palatability or on meat or milk quality, the firm states. Agents are sought for this fungicide, which is available in a 110- or 220-V dispensing unit and costs $18/3.8 liters. WRITE: James E. Nayfa, Sales Mgr. & Pres., Power 5, Inc., Dept. CN, 5015 Sharp St., Dallas, Texas 75247 U.S.A. Telex: 73-2750.

CUSTOMIZED TARPAULIN PROTECTS LOAD -- Farmers and truck drivers can use this firm's "Load Cover" to protect produce and equipment from the elements. Made of high-quality, durable materials, the cover can be custom designed to meet a wide range of storage, transportation, and industrial needs. Agents and distributors are sought. WRITE: Bud Weisbart, Pres., A & R Tarpaulins, Inc., Dept. CN, 418 S. Pecan St., Los Angeles, California 90033 U.S.A.

WIND MACHINE PROTECTS CROPS AGAINST FROST -- The "Orchard-Rite Wind Machine" can be used by fruit or vegetable growers to force warm air from high elevations down to growing areas susceptible to cold, harmful temperatures. Standing 10.7 m high, the machine covers from three to five and a half hectares. Priced from $11,000 to $19,000, it can be either electric or engine-powered. Agents are sought for this machine. WRITE: Dennis H. Hill, Mgr., Orchard-Rite Ltd., Inc. Dept. CN, P.O. Box 9308, Yakima, Washington, 98909 U.S.A. Target: [2] [4]

SYSTEM FEEDS FISH ELECTRONICALLY -- This firm's "Automatic Fish Feeder," featuring an electronic controller, precisely dispenses most types of fish feed in fish farms, tanks, hatcheries, and aquaculture programs. Priced from $200 to $1,000, the feeder is said to be rust resistant, versatile, and available in many sizes and types. Agents are sought. WRITE: John Sweeney, Pres., Sweeney Enterprises, Inc., Dept. CN, Rt. 2, Box 2452, Boerne, Texas 78006 U.S.A.

AIR CANNON DISLODGES MATERIAL -- Material trapped in silos, bunkers, chutes, and hoppers can be loosened and dislodged with the "Big Blaster Air Cannon." Using a minimum of energy, this device discharges a blast of hot air to break up material. The air cannon has only one moving part and operates quietly without sparks or flame. This $1,000 device can be operated either manually or automatically. WRITE: Todd Swinderman, Vice Pres. & Gen. Mgr., Martin Engineering Co., Dept. CN, U.S. Rt. 34, Neponset, Illinois 61345 U.S.A. TWX: 510-390-5694.

FERTILIZER HAS HIGH NUTRIENT CONCENTRATION -- "Micro Power" fertilizer can be applied by farmers and growers to increase crop yield. Nutrients found in the fertilizer include iron, zinc, copper, manganese, and magnesium, which all contain a high percentage of sulphur and are water soluble. Agents are sought for this fertilizer, used to help correct minor element deficiences in a variety of crops. It sells for $5,500/t. WRITE: Thomas E. Dame, Pres., Pan American Group, Dept. CN, 519 S. 4th Ave., B-6, Edinburg, Texas 78539 U.S.A.

DURABLE COMPONENT FOR AGRICULTURAL EQUIPMENT -- This firm's "Earth Engaging Tool" is available with either a carbon and alloy steel construction or with a special "Dura-face" hard surface treatment. Either way, this tool is said to be long-wearing and durable. Agents are sought for the tool, priced from $2, which comes in standard sizes, or which can be made to meet special requirements. WRITE: Pierre A. Gonthier, Piper Manufacturing, Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

GENERATOR PROVIDES STANDBY OR PRIMARY POWER -- The "Kohler Fast Response II" can supply power to farms when electrical power fails or no other source is readily available. The gasoline-powered 20-kW generator features excellent motor starting capability for instant response to voltage changes, according to the manufacturer, and a microcomputer controller to direct and monitor generator functions. Agents are sought. WRITE: Don Belleau, Mgr., Generator Advertising, Kohler Co., Dept. CN, Kohler, Wisconsin 53044 U.S.A. Telex: 26-888.

MILL FOR GRINDING GRAINS AND SPICES -- Seeds, shells, peanuts, soybeans, grains, spices, coffee, and similar foods can be ground wet or dry by the "Bel La Milpa Power Mill." With the addition of a three- or five-hp motor, the mill can produce up to 630 kg/h. Construction is of cast-iron with self-aligning bearings. Agents are sought for the $300 mill, which is designed to grind almost anything. WRITE: Pierre A. Gonthier, Bell Co., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

MOWER HAS TRIM CAPABILITY -- A true zero turning radius and one-pass mow and trim capability are special features of the "Grasshopper" mower, according to the manufacturer. Said to be extremely maneuverable and very comfortable to operate, the mower is available with a diesel or gasoline engine. Priced from $5,000 to $10,000, the machine is available with a variety of cutting widths and horsepower sizes. Agents are sought. WRITE: Stanley Guyer, The Grasshopper Co., AMICO, P.O. Box 600-367, N. Miami Beach, Florida 33160 U.S.A. Telex: 51-2346.

BLENDER MIXES DIESEL OIL AND FUEL -- Designed for use in conjunction with permanent or temporary fuel storage tanks, this firm's "Oil-to-Fuel Blender" filters waste diesel engine lube oil and meters the oil into diesel fuel. Blended at a 20:1 ratio, the used crankcase oil becomes a cost-efficient source of additional fuel. Agents are sought for this $4,000 device. WRITE: Tom Blundo, Intl. Div. Mgr., Racor Division, Parker Hannifin, Dept. CN, 3400 Finch Rd., Modesto, California 95354 U.S.A. Telex: 35-9408. Target: [8]

POP-UP MANNEQUIN SCARES PESTS -- The "Konzak Popup Scarecrow" consists of a dummy attached to a propane-powered cannon. When the cannon is fired automatically, the dummy jumps into the air, twirls, and trails streamers attached to its arms during its descent, which scares birds and animals. Controlled by a 12-V battery, the scarecrow can be used year-round and requires little maintenance. A solenoid on the device closes it down at night to conserve fuel. The scarecrow is priced from $200 to $450. WRITE: Pete Konzak, Schafer Machine, Dept. CN, 611 Central Ave., New Rockford, North Dakota 58356 U.S.A.

HYDROZONE IMPROVES SOIL -- Agents are sought for this firm's "Hydrozone Soil Conditioner," designed to improve soil by increasing plant food availability, moisture penetration, moisture-holding capacity, and root growth and response. This non-caustic conditioner may be used in all soils and in concrete, metal, and drip irrigation systems. The price ranges from $10 to $15/.45 kg. WRITE: Ted Lockabey, Pres., International Drip Irrigation Ltd., Dept. CN, 647 N. Mesa, Willcox, Arizona 85643 U.S.A.

MACHINE COMBINES ELECTRICAL GENERATOR AND WATER PUMP -- A diesel engine powers the "Crisis Master," a combination high-pressure water pump and electrical generator which can be used as a backup power source for emergency situations such as fires. Various sizes are available and feature water pumps for firefighting or for irrigation or drainage. Agents are sought for this $1,000 to $12,000 machine. WRITE: Anthony Palma, Pres., Skyboy Sales, Dept. CN, 7152 Sunset Blvd., Los Angeles, California 90046 U.S.A. Telex: 21-1004.

SPECIALIZED SHANKS FORGING -- This company's forged shank component for agricultural equipment is said to be produced from high-quality steel, expertly engineered, and also available in custom designs. The firm also forges tines, knives, and shovels for agricultural machinery. Prices for forged components start at $10. Agents are sought. WRITE: Pierre A. Gonthier, Beall Mfg., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

HEATER MELTS BEESWAX SAFELY -- The "Fager Beeswax Melter" automatically separates wax, slum, and melter honey into individual containers with minimal degradation of the honey. Each self-contained, welded aluminum unit uses circulating, electrically heated water to prevent overheating, smoke, and fire. Described as energy-efficient and easy to operate, the melter costs from $3,000 to $4,000. Agents are sought. WRITE: Orville Fager, Pres., Fager Corp., Dept. CN, Rt. 3, Kewaunee, Wisconsin 54216 U.S.A.

MOBILE SEED CORN PROCESSING PLANT -- The ability to move from farm to farm and perform without electricity are unique features of the "Blount Clipper P-497-A Portable Seed Corn Plant." It is a compact, portable plant that provides farmers with cleaned, sized, and treated seed corn right on the farm, reducing transportation and labor costs while maintaining varietal purity. Agents are sought for this gasoline-driven seed plant, priced from $50,000 to $60,000. WRITE: Yasar Yonak, Tech. Dir., Intl. Sales, Blount World Trade Corp., Dept. CN, 2430 Fairlane Dr., P.O. Box 4420, Montgomery, Alabama 36116-1601 U.S.A. Telex: 78-2314.

ACCURATE PRODUCE SORTER -- Gently sorting fruit and vegetables, the "Kerian Speed Sizer" is said to be faster and more accurate than other available mechanical sizers. Precise separation is maintained by the machine's individually driven, heavy-duty rollers and continuous product rotation. Agents are sought for this lightweight, easy-to-maintain sizer, priced from $8,000 to $14,000. WRITE: John Kerian, Pres., Kerian Machines, Inc., Dept. CN, P.O. Box 311, Grafton, North Dakota 58237 U.S.A. Telex: 32-9473.

MACHINE CLEANS GRAIN -- The "Eureka Grain Cleaner" cleans wheat, barley, corn, oats, soybeans, rice, and seeds by combining air aspiration with screening action. Priced from $10,000 to $50,000, the machine features all steel construction, patented Barbeau drives for shaking action, screen cleaning brush system, precise feed control, simplified controls and waste discharge. Agents are sought for this machine, which is available in many sizes and types. WRITE: John E. Pinder, Vice Pres., Mktg., S. Howes Co., Inc., Dept. CN, Howard St., Silver Creek, New York 14136 U.S.A. TWX: 510-246-6935.

CROP DRYER USES FUEL OIL — Said to be the most efficient oil burning crop dryer available, the "Direct Oil Fired Crop Dryer" makes use of relatively inexpensive fuel oil as an energy source. Priced from $2,000 to $4,000, this unit features a Machete propeller, heavy-duty motor and ruggedly constructed housing. Smoke and odor are said to have been virtually eliminated. Agents and distributors are sought for the dryer, which is available in several voltages. WRITE: Robert Mitchell, Pres., Aerovent Fan & Equipment, Inc., Dept. CN, 929 Terminal Rd., Lansing, Michigan 48906 U.S.A. Telex: 697-2315. Target: [4] [5]

VERSATILE MACHINE DRIES GRAIN — Many types of grain as well as rice and sunflowers can be dried by the "Tox-O-Wik Recirculating Batch Grain Dryer." Fueled by LP, natural gas, or diesel fuel, the dryer can be used in the field and eliminates losses resulting from the wait for commercial dryers. It comes in two sizes to handle from 350 to 500 bushels. Agents are sought for the $12,000 to $16,000 machine, which can be powered by electric motor or tractor PTO. WRITE: John C. E. Luard, Gilmore Tatge Mfg. Co., Inc., OPICO, Dept. CN, P.O. Box 849, Mobile, Alabama 36609 U.S.A. Telex: 46-0166. Cable: OPICO.

FUEL-EFFICIENT GRAIN DRYER — The self-contained, portable "Moridge Grain Dryer" uniformly dries corn, wheat, milo and other sorghums, rice, barley, and other crops to a consistent moisture level. Said to be very effective in drying high-moisture grain, this $5,000 to $10,000 dryer is available for P.T.O. and electrical operations and comes in many sizes. Agents are sought for this large-capacity, recirculating dryer. WRITE: Stanley Guyer, Moridge Manufacturing Inc., AMICO, P.O. Box 600-367, N. Miami Beach, Florida 33160 U.S.A. Telex: 51-2346.

QUALITY CONTROL FOR GRAIN AND SEEDS -- Large or small, light or heavy grain or seeds are accurately cleaned and processed with the "Hance Model 100 Seed & Grain Cleaner." This twin-screened machine removes both broken and extraneous particles and can operate on a caster-wheel-mounted base. Agents and distributors are sought for the electrically powered cleaner, which costs from $1,000 to $10,000 and can be purchased with optional loading and bagging elevators. WRITE: F. Hadley, Project Mgr., Henry R. Jahn & Son, Inc., Dept. CN, 253 B. Broadway, New York, New York 10007 U.S.A. RCA: 22-2070 EPI UR. Cable: EPIGLOTTIS.

HIGH-CAPACITY GRAIN DRYER SAVES FUEL -- The "Delux Commercial Dryer" uniformly dries grain at a low cost, according to the firm. Priced from $98,000 to $375,000, the dryer features continuous flow operation with air recirculation, using fuel oil, natural gas, or LP gas. Agents are sought for this machine, described as fuel-efficient, economical, and ecological. WRITE: Joseph Zimmer, Vice Pres., Sales, Farm Fans, Inc., Dept. CN, 5900 Elmwood Ave., Indianapolis, Indiana 46203 U.S.A. Telex: 88-3323.

MACHINE HULLS AND POLISHES RICE -- The "Engelberg Rice Huller" hulls and polishes grain in a single operation. The machine can be easily adjusted to process many types of rice with a minimum of breakage, according to the manufacturer. Priced from $1,000 to $10,000, it requires a 3- to 10-hp engine or electric motor for power and delivers from 50 to 300 kg of table-ready rice/h. Agents and distributors are sought. WRITE: F. Hadley, Project Mgr., Henry R. Jahn & Son, Inc., Dept. CN, 253 Broadway, New York, New York 10007 U.S.A. RCA: 22-2070 EPI UR. Cable: EPIGLOTTIS.

COLUMNAR DRYING PLANT FOR MANY CROPS -- Grains, small beans, feed, and tropical crops can be dried efficiently and cost-effectively with the "Jason Columnar Drying Plant," according to the manufacturer. The plant uses continuous counterflow air drying to achieve the desired percentage of crop moisture. Many models, priced from $7,000 to $75,000, are available for different capacity requirements. Agents and distributors are sought. WRITE: F. Hadley, Project Mgr., Henry R. Jahn & Son, Inc., Dept. CN, 253 Broadway, New York, New York 10007 U.S.A. RCA: 22-2070 EPI UR. Cable: EPIGLOTTIS.

CAST IRON CORN SHELLER -- Dry ear corn of all sizes can be shelled one cob at a time by the "Bell Corn Sheller." A hand-crank operates this device, which comes with clamps to attach it to a receptacle for the shelled corn. The $60 unit also includes a cob ejector and tipping attachment. Agents are sought for the corn sheller, which is said to be easy to assemble, easy to operate, and useful for shelling walnuts as well as corn. WRITE: Pierre A. Gonthier, Bell Co., Dalton, Cooper and Gates Corp., Dept. CN, 205 W. 34th St., Ste. 2101, New York, New York 10001 U.S.A. Telex: 23-6123. Cable: DALTCOOP.

HIGH-CAPACITY COTTON GIN FEEDER -- The patented "Two-Way Readi-Feeder" can be used by cotton gin owners to feed cotton from either end of the machine, which greatly increases gin capacity. Featuring a main frame constructed of heavyweight structural steel "H" beams, this electrically powered machine is said to be durable and cost-efficient. The feeder is priced from $120,000 to $140,000, and all machines are said to be thoroughly factory-tested before delivery. Agents are sought for this product, which can be ordered with an optional cleaning system. WRITE: Mickey Joplin, Sales Mgr., Prather Industries, Inc., Dept. CN, P.O. Box 629, Brownfield, Texas 79316 U.S.A.

Air and water

COMPACT WATER FILTRATION SYSTEM — The "Woozie Water Filtration System" needs little space, but is said to remove contaminants as low as .45 nominal micron in size and to extract iron, manganese, and hydrogen sulfides. The capacity of this system is from .95 liters/sec to many millions of liters daily. The company recommends it as a low-cost replacement for conventional sand filters and cartridges. Used in hospitals, medical centers, utility companies, farms, and research laboratories, these systems are priced from $6,000 to $150,000. WRITE: Gustav Grabscheid, Vice Pres., Woozie Water Filtration Systems, Inc., Dept. CN, 1921 Chrisler Ave., Schenectady, New York 12303 U.S.A. Telex: 92-6166 MISSY INTL DIV.

NON-ELECTRIC WATER PURIFIER — Designed to purify water in homes and laboratories, the "Nature's Spring" water purifier functions according to reverse osmosis. Reporting that this appliance purifies water better than carbon filters, distillation or a silver carbon matrix, the company says that the non-electric model, which fits in a drawer when not in use, operates through the pressure in a building's water supply. It is said to remove bacteria, chlorine, industrial pollutants, pesticides, mineral salts and other harmful pollutants while processing up to 45.6 liters/day of purified water at a cost of one penny/3.8 liters. The company seeks agents. WRITE: Randy Lindstrom, Dir., Intl. Operations, Nature's Sunshine Products, Inc., Dept. CN, 1655 N. Main St., Spanish Fork, Utah 84660 U.S.A. Telex: 45-3112.

UNIT MONITORS FLUID CONTAMINATION — The "Hydra-Fyne Digital Oil Purification System Unit" determines and digitally displays the level of particulate matter in oil. This portable unit filters and removes condensate utilizing both centrifugal force and a controlled density diatomaceous earth filtering process. The company claims that use of this patented and field tested unit will result in substantial savings on repairs to hydraulic component, reduces down time, and reduces fluid replacement costs by over 90 percent. Agents and distributors are sought for this product which sells for $11,000. WRITE: Paul Frost, Pres., Hydradyne Inc., Dept. CN, 2409 First St., La Verne, California 91750 U.S.A.

REVERSE OSMOSIS WATER PURIFICATION — "Aquamate" is said to produce the highest quality pure drinking water at the lowest price by use of reverse osmosis. For use in homes, warehouses, or anywhere drinking water is provided, this product stores water in a non-pressurized tank which automotically shuts down when full. The membrane is flushed each time water is drawn by line pressure extending the life of the membrane. The firm claims that "Aquamate" reduces total dissolved solids in moderately brackish water by over 90 percent and removes almost all organics to produce good tasting water. The firm is actively seeking distributors and dealers for this product which is priced from $200 to $265. WRITE: Mel Entigh, Enting Water Conditioning, Inc., Dept. CN, 3249 Dryden Rd., Dayton, Ohio 45439 U.S.A.

UNIT FILTERS ASBESTOS FIBERS — The "Microtrap" is a negative air-asbestos filtration unit designed for use in such places as maintenance departments, industrial plants, insulation contractors and shipyard refitters. It features High Efficiency Particulate Air (HEPA) filtration that is said to filter asbestos fibers down to 0.3 microns with 99,99 percent efficiency. In addition, an airflow of 54 m3/min. not only reduces contamination, but creates negative pressure that protects a building from further contamination. The "Micro trap" is also recommended in the 1983 asbestos safety guidelines of the U.S. Environmental Protection Agency, according to the firm. The firm is seeking distributors for this product which has a price range of $2,600 to $3,000. WRITE: Bruce P. Newman, Vice Pres., Sales, Asbestos Control Technology, Inc., Dept. CN, 1525 Rt. 73, Pennsauken, New Jersey 08110 U.S.A.

SUCTION DIFFUSER FOR PUMPS — Pump manufacturers will be interested in the "Suction Diffuser" which filters out foreign particles that might damage the pump or other system components. It features a large straining area for filtering solid particles from liquid through the suction side of the pump and provides for laminan flow into the pump. Easily opened and serviced without tools, this unit is designed for direct mounting to the pump inlet. Composed of a cast iron body and cover, the "Diffuser" is also equipped with a removable fine mesh sleeve around the stainless steel permanent perforated screen. The product complies with the ANSI quality levels and is available in a wide range of materials and sizes priced from $50 to $500. WRITE: Roy H. Pepper, Vice Pres. of Sales, Mueller Steam Specialty, Dept. CN, P.O. Box 1569, 901 Carolina Ave., Lumberton, North Carolina 28359. TWX: 510-939-3591 U.S.A.

ECONOMY MODEL WATER DISTILLER — The "Durastill Model 4640" is an economy water distiller developed for use in homes, hospitals, laboratories, schools and dispensaries. The "Durastill" processes 46 liters/ 24 hours and stores the distilled water in a 40-liter storage tank, which is part of the unit. The firm is seeking agents for this stainless steel equipment which sells for $591.40. WRITE: Joseph A. Letorney, Pres., Simply Pure Water Co., Inc., Dept. CN, 112 Union St., South Weymouth, Massachusetts 02190 U.S.A. TWX: 710-388-6768 (PUREWATER WEYM).

INDUSTRIAL STRAINER — Designed for use in chemical processing, power stations, paper mills, firelines, and any facilities using large volumes of water, this firm's "Duplex

Strainer" allows basket cleaning without having to shut down the entire system. Its single shaft drive operates the flow diverter valves, and the drive mechanism is completely enclosed for protection. The price ranges from $150 to $45,000. WRITE: Roy H. Pepper, Vice Pres., Mueller Steam Specialty, Dept. CN, P.O. Box 1569, 901 Carolina Ave., Lumberton, North Carolina 28358 U.S.A. TWX: 510-939-3591.

WATER PURIFIER — The "Seagull IV" is designed to remove all water borne bacteria, heavy metals, chemical pollutants, chlorine, asbestos fibers, petroleum, rust, dirt, and hundreds of other contaminants as small as 0.4 microns. More effective than a water filter, this device provides pure water at the tap. It has a 3,000-liter capacity and replacement cartridge that is changed about once a year. Agents are sought for this $400-$500 unit, which easily fits under the sink. WRITE: Joseph J. Zelenka, Vice Pres., Pure H20, Dept. CN, 260 Evergreen Ave., Huntington Station, New York 11746 U.S.A.

UNIT PURIFIES POOL WATER — "Caribbean Clear" is said to sterilize and disinfect swimming pool water by pumping it through a sealed chamber containing copper-silver alloy electrodes. They produce copper and silver ions which act as an algaecide, eliminating the need for chlorine, according to the company, which says the product also reduces costs and corrosion. Agents and distributors are sought worldwide for this product, which is priced from $220 to $280. WRITE: Siegfried Schach, Mgr., Virtome International, Dept. CN, Box 511, Bluffton, Indiana 46714 U.S.A. Telex: 23-2452 HQFWA Attn: Schach.

FRESH WATER FRESHENER — "Aquabon" is formulated to remove all bad tastes from water, including chlorine, sulfur, plastic, metal, and other impurities. Safety sealed and approved by the U.S. Public Health Service, the product keeps water fresh for months, according to the firm, which is seeking agents for "Aquabon" as well as for its new holding tank oxidizer. "Aquabon" costs from $3 to $4. WRITE: Richard D. Morris, Vice Pres., Schilling & Morris Marketing Ltd., Dept. CN, 900 Times Square Bldg., Rochester, New York 14614 U.S.A.

WINDROW COMPOSTER — The "King of the Windrow Composting Machine" converts organic wastes into humus for agriculture, horticulture, landscaping and the treatment of soils. It handles large volumes of sludge, garbage, bagasse, and farm or packing plant waste, which are reduced in weight and size several times during aeration and biodegradation. Temperatures rise to 60o C, killing all pathogens. The self-propelled composter has a capacity of 1,814.4 t/h and is priced from $105,000 to $135,000. Agents are sought. WRITE: Lester R. Kuhlman, Resource Recovery Systems of Nebraska, Inc., Dept. CN, Rt. #4, Sterling, Colorado 80751 U.S.A.

ALGAECIDE POOL CLEANER — Designed for use in swimming pools and cooling towers, "Bio-Clean III" kills existing algae and, used periodically, prevents regrowth. This algaecide concentrate is formulated to sequester minerals in the pool water, which keeps the filtration system cleaner. It contains a water clarifier and allows the pool owner to reduce the amount of chlorine used. Priced at $84/doz. .9-liter containers, this product carries a money-back guarantee. WRITE: Stanley Levin, Pres., Stan-Glad, Inc., Dept. CN, 103 Forrest Trail, Universal City, Texas 78148 U.S.A.

UNIT DISINFECTS WATER — Described as a safe, economical system for treating well or spring water without pumps, electricity, or supervision, "Aquaward" dissolves calcium hypochlorite tablets into the waterflow, releasing chlorine at a controlled rate. The chlorinator unit purifies the water automatically for several weeks or months without maintenance before refilling. The system costs about $300, and tablets are available for $180 to $200/45-kg drum. The manufacturer seeks agents and distributors. WRITE: David W. Hill, Product Mgr., ELTECH Systems Corp., Dept. CN, 470 Center St., Chardon, Ohio 44024. Telex: 98-0455 or 19-6106.

AIR QUALITY MONITOR DETECTS CARBON DIOXIDE — The "Acme Carbon Dioxide Detection Unit" is solid state electronic with two and three levels. Factory calibrated and requiring little maintenance, it controls outdoor ventilation air according to variable occupancy. Implementing the recommendations of the new ASHRAE Standard, this unit is said to save money and energy in ventilating public buildings, industrial plants, commercial areas, and facilities for growing and processing comestibles. WRITE: G. S. Presser, Pres., Acme Engineering Products, Inc., Dept. CN, Trimex Industrial Bldg., Rt. 11, Mooers, New York 12958 U.S.A. Telex: 055-60546.

VERSATILE POLLUTION CONTROL BOAT — One operator can use the "Aqua-Dozer" for aquatic vegetation removal, floating debris recovery, shallow water dredging, oil spill recovery, fire control, structural maintenance, pile driving, ice breaking, spraying of herbicides and oil dispersants, and a variety of other functions. Agents are sought for this rugged multipurpose vessel, priced from $180,000 to $200,000. WRITE: Kenneth W. Roth, Dir., Aqua-Dozer International, Inc., Dept. CN, 940 Lincoln Rd., Ste. 323, Miami Beach, Florida 33139 U.S.A. Telex: 28-9560 Aqua UR.

LOW-COST WATER TREATMENT — "Perchem 550" is a highly cationic, low molecular weight, polyquaternary amine for liquid/solids separation processes, including water and wastewater clarification, upflow and in-line filtration, and flotation. Recommended for use as a partial or total replacement for inorganic coagulants in the clarification of low-turbidity, highly colored water, this chlorine-resistant formula is approved by the EPA for potable water treatment at dosages up to 50 ppm. The manufacturer seeks agents, joint venture partners, and licensees. Product literature is available in French, Spanish, German, Italian, and Arabic. WRITE: Ernest Q. Petrey, Pres., Petrey & Co., Dept. CN, 3645 Warrensville Center Rd., Ste. 233, Cleveland, Ohio 44122 U.S.A.

TRAP PRIMER DEVICE SAVES WATER — The "Prime-Eze Water Saving Trap Primer Device" automatically insures that the trap seal is always filled by waste water diverted from a nearby plumbing fixture to the floor trap. Keeping the seal intact prevents deadly sewer gasses from entering the building, according to the firm. Recommended for use in countries requiring water conservation, this $66.60 device has no moving parts and needs no maintenance. Agents are sought. WRITE: A. W. Samuels, Vice Pres., Intl. Sales, Jay R. Smith Manufacturing Co., Dept. CN, P.O. Box 3237, 2781 Gunter Park Dr. E., Montgomery, Alabama 36193-2201 U.S.A. Telex: 78-2306.

COMPLETE MINIATURE MIXING PLANT — The "Brenco Chem-Pac System" is shipped in partial knockdown condition for easy on-site assembly. The plant is complete with platform, mixing drums, motorized agitators, control center, water softener, hot water heater, and interconnecting piping and valves. Priced from $4,200 to $15,000, it is used with the firm's chemical concentrates, which are reformulated and packaged locally. Agents and distributors are sought. WRITE: John S. Brennan, Pres., Brenco International S. A., Inc., Dept. CN, 1470 S. Vandeventer, St. Louis, Missouri 63110 U.S.A. Telex: 43-4460.

VERSATILE UNIT PURIFIES SALT WATER — Used on yachts, fishing boats, ships, offshore platforms, and island developments for purifying seawater amd brackish water, the "Lifestream Purifier" ranges in capacity from 32 to 2,365 liters/h. Features include powder-coated frames, watertight wiring, motor starter, oversized motor, and "fasten tight" tube fittings. Agents and distributors are sought for this product, which is priced from $3,900 to $65,000. WRITE: Ross Yeager, Vice Pres., Cityscape International, Dept. CN, P.O. Box 7050, Santa Cruz, California 95061 U.S.A. Telex: 70-5131.

COMPUTERIZED MONITOR CONTROLS DIESEL FUMES - Designed to protect personnel from diesel fumes, the "Diesel DG-EN Series" detects the combined noxious effects of the oxides of nitrogen, sulfur dioxide, carbon monoxide, and particulate matter. The unit's panels incorporate microprocessor control of single or multiple point systems, automatic calibration, and a variety of outputs. WRITE: G. S. Presser, Pres., Acme Engineering Products, Inc., Dept. CN, Trimex Industrial Bldg., Rt. 11, Mooers, New York 12958. Telex: 055-60546.

FILTER CLEANS COOLING TANK WATER — The "Tower Flo" is a side stream filter that removes particulate contaminants larger than 15 microns from cooling water and can provide continual cleaning without the complete shut-down of the cooling system. Made of stainless steel, brass, and plastic, the filter costs from $1,200 to $2,500, and can begin to pay for itself in 17 months, according to the firm. Agents and distributors are sought. WRITE: Mac Stromberg, Pres., United Industries, Inc., Dept. CN, 1913 N. Ohio, Wichita, Kansas 67214 U.S.A. Telex: 43-7735. Target: [2] [3] [4] [5] [6] [7] [8]

UNIT PRETREATS POLLUTED WATER — Agents and distributors are sought for the "Turbomag," which economically pretreats polluted river water without using chemicals. Designed to produce faster, more complete precipitation of solids and reduce total bacteria to 100 ppm and coliform bacteria to negative readings, the electronic unit costs from $2,000 to $100,000. The system can also be used for well water treatment, waste water recovery, and a variety of other industrial applications. WRITE: Stanley Green, Chairman, Turbomag Corp., Dept. CN, 3050 Biscayne Blvd., Miami, Florida, 33137 U.S.A. Telex: 810-848- 4810. TARGET: [4] [5] [6] [7] [8]

CLARIFIER IMPORVES WASTEWATER TREATMENT — Industrial and municipal wastewater treatment can be simplified and made more effective with use of the "Armco-BTMS Clarifier and Clarifier Technology," according to the manufacturer. This product is said to work with fewer moving parts and structures than conventional separate clarifier and reactor basing, and is reputed to reduce construction, operation and maintenance costs significantly as a result. Selling for $6,000 and up, the Armco-BTMS can be designed for new or existing treatment plants. Agents are sought. WRITE: Robert P. O'Brien, Environmental Eng., Armco Environmental Enterprises, Dept. CN, 5400 E. 60th St., Kansas City, Missouri 64130 U.S.A. TWX: 910-771-3059. CABLE: BURMAC. Target: [1] [2] [3] [4] [5] [8]

HIGH-PERFORMANCE METAL RECOVERY UNIT — Metal can be recovered from rinse solutions by the "MRT Electrolytic Metal Recovery Unit," described as almost maintenance-free, easy to install, and compact. It constantly recirculates the rinse solution through its plating chamber and plates the metal onto circular stainless steel cathodes. The metal can be easily removed and used again. Agents are sought for this unit, which is available in several sizes priced from $2,999 to $12,495. WRITE: Marwan O. Yahya, Mgr., American Products and Services, Dept. CN, 6065 Roswell Rd., Ste. 320, Atlanta, Georgia 30328 U.S.A. Telex: 494-2326 AMPROS.

CONDITIONER KEEPS WATER LINES CLEAN — "Aqua-Flo" water conditioner is said to be a successful method for controlling pipe corrosion, scale, and algae by means of an ionic energy inducer. This maintenance-free conditioner adds no sodium to the water, yet manages to descale pipes and eliminate dirty water. Costing from $24 to $540, "Aqua-Flo" comes in pipe sizes of .635 to 7.62 cm, with flow rates from 1 to 170 gpm. Distributors are sought. WRITE: Alden L. Coke, Pres., Aqua-Flo, Inc., Dept. CN, 6244 Frankford Ave., Baltimore, Maryland 21206 U.S.A. TWX: 710-234-1000.

Audiovisual

ASTRONOMY POSTERS AND CHARTS AT LOW PRICES — Of interest to astronomy enthusiasts, educators, students, decorators, and speciality retailers, this set of astronomical posters is lithographed in full color on high quality stock. The "Solar System" chart measures 97.5 x 62.5 cm; the "Comet Halley" commemorative poster and the "Challenger Above the Earth" poster measure 56 x 72.5 cm. The retail price for the set is $12. The wholesale price is $5.80 with larger discounts available. A catalog of the entire poster collection, is available. WRITE: Jackie L. Saunders, Sales Mgr., Hansen Planetarium, Dept. CN, 15 S. State St., Salt Lake City, Utah 84111 U.S.A. Telex: 45-3226.

NON-DEFACING ADAPTER EXTENDS VERSATILITY OF GUITARS -- The "Hipshot" for electric guitars and bass guitars is said to be a unique string bender that raises the B string to C# with a hiplever and, with the flick of a finger toggle lever, drops the E string to a low D. While extending the pitch range of the instrument and providing new effects, the device is mounted without defacement and at one-third less cost than permanent alterations, the company says. The model may be ordered with the "Palm Lever" attachment which raises the G string to G# or A. The attachment swivels away when not in use and its low profile is said to accomodate right-handed technique. The "Hipshot" is priced at $89.95 and the attachment at $34.95. WRITE: David Borisoff, Product Mgr., Hipshot Music Products, Dept. CN, 7726 Burnet Ave., Van Nuys, California 91405. U.S.A.

CASSETTES INCREASE READING SPEED -- With "Speed Learning," according to company claims, users can more than double their capacity to read, learn and remember in 30 to 40 hours. The practical, easy-to-learn program offers students a "teacher-on-cassette" who guides, instructs and encourages. The practice materials are taken from current newspapers, magazines and books to make learning interesting. Currently used by schools, colleges, businesses, and governments, "Speed Learning" is said to be offered and approved by a number of professional associations in the U.S., including the American Chemical Society. The firm is seeking agents for this product which is priced from $129.95 to $149.95. WRITE: Scott Corely, Intl. Mktg. Coordinator, Learn Inc., Dept. CN, 113 Gaither Dr., Mount Laurel, New Jersey 08054 U.S.A. Telex: 17-8102 Attn: Learn.

PET CARE EDUCATION LIBRARY — "Veterinary Audio Visual Client Education" is an audio visual library on pet care topics, such as housetraining, dental care and obesity. The tapes are designed to help veterinarians market their services and provide better service by educating their clients. Authored by prominent specialists, "Client Education" is said to be effective because of the audio/visual impact. The programs are written in understandable language and supported with visuals and graphics. Easy to use, the program can be installed in any area of the hospital. In addition, the firm will train the veterinarian to use the program. The firm is seeking agents and distributors. WRITE: B.J. Kouma, Pres., Ancom, Inc., Dept. CN, 941 O St., Lincoln, Nebraska 68508 U.S.A.

SIGNAL PROCESSOR FOR MUSIC -- This firm's "DMX-1000 Signal Processing Computer" is designed for the synthesis and processing of sound in music recording studios, acoustic research labs, and electronic music composition. It is said to be the first user-programmable audio signal processor on the market. This real time system features an ultra fast 16 bit minicomputer that is controlled by a general purpose host computer and programmed by high level MUSIC-1000 language. Also featured in the DMX product line are high fidelity digital-to-analog, and analog-to-digital converters and interfaces for PDP-11 and VAX computers. The "DMX" costs from $13,000 to $28,000. WRITE: Dean Wallraff, Pres., Digital Music Systems, Inc., Dept. CN, P.O. Box 1632, Boston, Massachusetts 02105 U.S.A. Telex: 38-7673.

3-D UNIT ENHANCES MODELS AND DIAGRAMS — The "Didik 3-DTV" is a three dimensional television unit designed for use in medicine and engineering. This unit, said to be the first practical system on the market, produces three dimensional images in full color. The "Didik's" versatility allows it to be used also in such areas as advertising, sales promotion, and graphics. The light weight and easy-to-use system combined with a computer, laser video disc or video recorder, makes complex models and engineering diagrams easier to understand. It is available in a table model, battery operated model, microscope model and 3-D film cassette viewer. The price ranges from $1,950 to $3,500. The firm is seeking sales representatives. WRITE: Frank Didik, Exec. Dir., Didik TV Productions, Dept. CN, P.O. Box 133, Rego Park, New York 11374 U.S.A.

HIGH RESOLUTION GREY SCALE MONITOR -- The "Aspect Model APM 1-6" video monitor features high resolution, low geometric distortion, superior grey scale rendition, and uniform, stable brightness. Fine grain P45 phosphor in the flat face CRT provides optimum imaging interface. In addition, a 30 MHz video amplifier, along with precision deflection circuitry using dynamic focusing, provides for high resolution images on the 9 x 12 cm display. The firm sells the $1,000 to $2,000 monitor to OEMs only. WRITE: Don Ashby, Mktg. Mgr., Aspect Electronics, Dept. CN, 725 San Aleso Ave., Sunnyvale, California 94086 U.S.A.

AUDIO POWER AMPLIFIER -- The "SCS Model 2350A" is a high-power MOS-FET amplifier suited to any musical instrument, paging, sound reinforcement, and commercial recording or broadcasting installation. Priced from $300 to $700, it features a fully discreet design with high dynamic head room and superior sound quality. The firm is actively seeking agents and distributors. WRITE: Kevin Halverson, Vice Pres., Sound Code Systems, Inc., Dept. CN, 13932 Seaboard Circle, Garden Grove, California 92643 U.S.A. Telex: 910-997-8819.

PRECISION UNIT EVALUATES AND CLEANS VIDEOTAPE -- Operating at over 20 times play speed, the "Tapechek 6120" pinpoints magnetic and physical defects in 1 in (2.54 cm) blank tapes. It can also inspect prerecorded tapes for physical defects without danger of erasure. The unit features a built-in color CRT display with selectable graphic scales and a precision oxide burnishing and cleaning system that uses a vacuum assist to reduce dropouts and remove loose oxide particles. Distributors are sought for this $16,975 system. WRITE: Thomas W. Boyle, Research Technology International, Dept. CN, 4700 Chase Ave., Lincolnwood, Illinois 60646 U.S.A. Telex: 28-9414.

VHS VIDEOTAPE INSPECTOR/CLEANER -- Using opto-electronic sensors to detect tape defects, the "Tapechek 320" inspects and cleans a T-120 cassette in less than two min, according to the firm, removing dust, dirt, and loose oxide. Features include an LED display. Designed for heavy duty commercial operation, the unit can also be used by libraries, schools, and corporate media departments. Distributors are sought for this $3,295 machine. WRITE: Thomas W. Boyle, Vice Pres., Sales, Research Technology International, Dept. CN, 4700 Chase Ave., Lincolnwood, Illinois 60646 U.S.A. Telex: 28-9414.

MOBILE CABINET HOUSES COMPUTER, VIDEO SYSTEMS -- This firm's "Communication Data Center" is a space-saving mobile cabinet that securely houses computer or video systems. Equipped with an adjustable CRT shelf, roll-out computer-recorder shelf, locking storage compartment, and locking tambour doors, the unit is finished in oak-patterned wood panels mounted to a steel frame, and accommodations are provided for ventilation and wiring. The cabinet ships unassembled and costs $700. Agents and distributors are sought. WRITE: Paul Keck, Sales Mgr., The Advance Products Co., Inc., Dept. CN, P.O. Box 2178, Wichita, Kansas 67201 U.S.A.

HAT HAS BUILD-IN RADIO -- Available in several styles and colors, the "Hat Man Radio Hat" allows music and sports lovers to hear radio broadcasts via earphones built into a cap. Priced at less than $14, the cap is said to be lightweight, durable, and capable of receiving both AM and FM radio transmissions. WRITE: Stephen V. Rubine, Jr., Chairman, Dolphin Tech. Ind. Inc., Dept. CN, 4547 NW. 9th Ave., Ft. Lauderdale, Florida U.S.A. TWX: 510-955-8632 MAIL ANS.

ENGLISH INSTRUCTION THROUGH VIDEOTAPES -- Proficiency in English is the goal of this series of 12 videotapes designed to serve as a course for individuals or groups. Beginning, intermediate, and advanced levels are taught by experienced teachers in the "ESL Videotapes." Agents and distributors are sought for this English as a Second Language course, developed by a leading midwestern university. Each level includes a $600 package of four tapes and study materials. All 12 tapes together are discounted to $1,600. WRITE: Todd Patterson, Vice Pres., Intl. Mktg., World Communications Systems, Inc., Dept. CN, 2600 County Rd. D, St. Paul, Minnesota 55110 U.S.A. Target: [4] [6] [8]

PORTABLE SOLAR LOCATIONAL DEVICE -- The "Suntrak" monitors the sun's movements through the sky and can determine the time and direction of sunrise and sunset. The portable $165 device comes with two pocket-size instruction booklets and shows the sun's latitude, longitude, and compass direction within a degree. Agents are sought for "Suntrak," which can be used by science students and teachers as well as boaters, gardeners, and pool owners. WRITE: Ralph Galvin, Suntrak, Dept. CN, 2350 E. 91st St., Indianapolis, Indiana 46240 U.S.A.

LIFE-SIZED DOLL FOR HOSPITAL EDUCATION -- Health care personnel can be instructed in various aspects of patient care with this firm's "Hospital Doll." The life-sized doll, priced from $595 to $1,415, features articulated joints and movable hips, and is said to be easy to maintain. This rugged, durable doll comes with interchangeable genitalia, allowing teaching staff to use it either as a male or female patient. WRITE: Barbara Rosser, Office Mgr., Medical Plastics Laboratory, Inc., Dept. CN, P.O. Box 38, Hwy. 116, Gatesville, Texas 76528 U.S.A. Cable: MEDPLASTIC.

Automotive

TORQUE SCREWDRIVER FOR ASSEMBLY OPERATIONS -- Originally designed for the aircraft industry, the "Tuffy Torque-Lever Screwdriver and Socketdriver" is said to increase leverage for assembly operations, with turning torque increased up to 500 percent. The product features a solid aluminum, heat-treated, hammer-resistant, anodized handle, a chrome vanadium heat-treated and plated blade, an aluminum torque-lever and availability in various sizes in flat blades and Phillips models, according to the firm. The price of this tool is $5 wholesale, $10 retail. Agents are sought. WRITE: James VanNostrand, Pres., Rio Colorado Trading Co., Dept. CN, P.O. Box 1121, Jackson, Wyoming 83001 U.S.A. Telex: Ricotrad.

DEVICE REGULATES COMPRESSED NATURAL GAS -- Owners of vehicles fueled with compressed natural gas (CNG) will be interested in this firm's "Type P CNG Regulator," a high-pressure regulator that reduces the cylinder pressure of CNG to a first stage pressure of 50-75 PSI where a low-pressure regulator takes over. This "Type P Regulator" is equipped with an "Enviro-Cap" and has a water heated backcap which circulates engine coolant at approximately 140o F to eliminate freeze-up. A multi-seat block and a stainless steel diaphragm help reduce the need for maintenance. The price of this product ranges from $80 to $115. WRITE: James F. Fausek, Vice Pres., Sales, Modern Engineering Co., Inc., Dept. CN, P.O. Box 14858, St. Louis Missouri 63178 U.S.A. Cable: MECOWELD.

THREE-IN-ONE CAR WAX -- "Triple Wax" car wax features three pre-measured, colored ingredients kept separate to preserve their maximum strength until activated at the time of application. The blue layer is for shine, the green is to protect and the white layer is for cleaning. The company claims that one shake of the container mixes and releases powerful ingredients that out perform other leading waxes, "Triple Wax" is available in containers of .45 kg liquid and .37 kg paste, and the price ranges from $50 to $54/case of 12. WRITE: Taj Jhaver, Sales Administrator, Turtle Wax, Inc., Dept. CN, 5655 W. 73rd St., Chicago, Illinois 60638 U.S.A.

BLADES COOL TIRES FOR INCREASED MILEAGE -- This company projects that passenger tire mileage can be increased up to 40 percent by using "Check-Mate," a product that cools the tire by means of rubber blades radially positioned and adhesively sealed on the interior of the rim. As the tire spins, rubber blades force and circulate cooler air up from the rim to the tread, crown and shoulder, where heat builds up. With use of the product, internal tire temperature is said to decrease by up to 57 percent and external crown temperature to 60 percent, depending on tire speed. This product is priced at $2.09. WRITE: Robert L. Owen, Export Sales Mgr., American Tire & Rubber Co., Dept. CN, 1225 W. Market St. Akron, Ohio 44313 U.S.A. Telex: 75-3930.

LOCK-UP GUAGE MONITORS AIR FILTER -- The dashboard-mounted "Filter Minder" automatically and continuously monitors the condition of an air filter, indicating in a graduated vertical bar graph display how much service life has been used and how much life the element has left. This switch gauge with seven lock-ups will lock-up at the highest point of filter restriction, so that it can be read after the engine is shut down. When maximum restriction is reached, the switch locks in to operate a light or warning device. The "Filter Minder" is priced at $29.95. WRITE: H.D. Leighty, Pres., Engineered Products Co., Dept. CN, 503 Ansborough Ave., Waterloo, Iowa 50701 U.S.A. Telex: 46-5653.

PROTECTIVE SPRAY FOR VINYL, RUBBER AND LEATHER -- For use on tires, vinyl seats, dashboards, trim, luggage and sporting goods, "Clear Guard" is said to protect and beautify all vinyl, rubber and leather with a clear spray. The product contains no water and has 100 percent active ingredients. "Clear Guard" is available in .14, .28, and .45 kg sizes and is priced from $24 to $28/case of 12. WRITE: Taj Jhaver, Sales Administrator, Turtle Wax Inc., Dept. CN, 5655 W. 73rd St., Chicago, Illinois 60638 U.S.A.

NON-ABRASIVE CAR WAX -- "Clear Coat" car wax and polish is described as a clear, concentrated car wax having 100 percent active ingredients that clean, shine and protect without stripping. The wax has no water or hard abrasives and is available in liquid or paste form packaged in clear containers. Said to be completely safe for new, advanced car finishes and better for older cars, this product is priced at $71 to $77/case of 12. WRITE: Taj Jhaver, Sales Administrator, Turtle Wax Inc., Dept. CN, 5655 W. 73rd St., Chicago, Illinois 60638 U.S.A.

AUTOMOTIVE WINDOW TINT KIT -- "Top Tint" is a variegated window film that gives existing automobile windows the appearance of factory tinted windshields. This patented product has a dark top to provide maximum comfort and protection from the sun and a light center and bottom for all-weather day and night visibility."Top Tint" has a scratch-resistant coating for durability. The complete kit for do-it-yourself installation retails at $13.00, and distributors are sought. WRITE: Andrew Knapp, Intl. Sales Mgr., Gila International, Dept. CN, 6615 W. Boston St., Chandler, Arizona 85224 U.S.A. Telex: 16-5072.

COATING PROTECTS SMALL PARTS -- "SermaGard" coating is designed to replace conventional platings for fasteners and small parts. According to the firm, this coating surpasses 1,000 hours of salt spray, resists temperatures to 649° C, solves dissimilar metal problems, eliminates hydrogen embrittlement, resists damage from wrenching or cam-out, provides a controlled coefficient of friction, and stops corrosion in automotive applications. The price ranges from $70 to $106. WRITE: E. A. Wykstra, Mfg. Mgr., Sermatech International, Inc., Dept. CN, 155 S. Limerick Rd., Limerick, Pennsylvania 19468 U.S.A. Telex: 84-6335.

FUEL ADDITIVE INCREASES MILEAGE -- "Mileage Plus" is designed to increase gas mileage 21 to 30 percent while reducing maintenance and operating costs in about 20 areas. Also available as a diesel fuel supplement, the liquified coal product is recommended for all gas and diesel operated machinery. Agents and distributors are sought, and exclusive distribution rights are available. The price is $35/3.8 liters. WRITE: David L. Fenner, Dir., Intl. Product Sales, D. F. Distributing, Dept. CN, 55 Cummiskey St., Wilkes-Barre, Pennsylvania 18702 U.S.A.

PROGRESSIVE REED SYSTEM -- This firm's "Pro-Tension Reeds" are soft upon initial throttle opening for superior low end response. The tension of the reed increases with motor rpm and intake velocity, and the flexible reed stop stiffens the reed as it opens, resulting in a significant increase in horsepower. There is no impeded flow because of a partially opened bottom reed. WRITE: Steve Dobernic, S D Racing, Dept. CN, 5082 Bolsa Ave., #108, Huntington Beach, California 92649 U.S.A.

LOADING RAMP CONVERTS INTO STEPS -- The "Versa-Ramp" is a portable, lightweight 100 percent steel loading ramp which can be mounted on any pickup truck and most vans. The scissor action of the ramp allows it to be stored in a 40.64 x 121.92-cm area. Weighing less than 45 kg, the ramp has a 355.5-kg capacity and can be configured as steps for mobile homes or other buildings. Agents and distributors are sought for this product, which costs from $175 to $200. WRITE: Bob Spurlin, Controller, Northstar Industries, Inc., Dept. CN, 2601 Cross Country Dr., Ste. 77, Columbus, Georgia 31906 U.S.A.

DEVICE REPAIRS VACUUM DOOR LOCKING ELEMENTS -- The "Uni-Di" is used to repair the vacuum door locking elements found on most Mercedes-Benz automobiles. This ozone-resistant universal rubber diaphragm reduces the necessity to stock many expensive vacuum components for a wide range of models. Repair shops and Mercedes-Benz owners will be interested in this product, which costs from $1.75 to $2.50. Distributors are sought. WRITE: Bill DeMayo, Vice Pres., Jodel Associates, Inc., Dept. CN, 3334 E. Coast Hwy., Ste. 290, Corona del Mar, California 92625 U.S.A. Telex: 18-8747.

SECURITY DEVICE PROTECTS VEHICLES -- The "Fail-Safe Fuel-Loc System" is an anti-theft device for all types of vehicles that operate with gas or diesel fuel. The silent, hidden system allows only a small amount of fuel to reach the engine before cutting off the supply. Features include automatic ignition cut-off, electronic keyboard, alarms, and remote paging. Agents and distributors are sought for this system, which is priced from $46 to $120. WRITE: George Gonzalez, Dir. of Mktg., Megamark International, Dept. CN, P.O. Box 797, Bloomington, California 92316 U.S.A. Telex: 36-4412 INTR.

RUGGED UNIT WASHES TRUCKS AND BUSES -- The "Cleansweep Vehicle Washer" features efficient roll-over equipment, an exclusive compressed air control system, and hydraulic power for years of quiet, trouble-free operation. Surfaces are gently cleaned by brush rotation, and manual overrides enable the operator to wash around unusual protrusions. Units also wash smaller vehicles and can be custom manufactured to accommodate the largest vehicles. The base price is $40,000 FOB Nashville, Tennessee. Agents are sought. WRITE: Jay VanDyke, Pres., Major Enterprises, Inc., Dept. CN, P.O. Box 33036, Louisville, Kentucky 40232 U.S.A.

LASERS TEST RETREADED TIRES -- Thirty tires can be examined for defects every eight-hour shift with the "KS 1130 Off-The-Road Tire Analyzer." This $425,000 machine uses laser photography to examine retreaded tires for rust, trapped air bubbles, separations, poor adhesion and other problems. WRITE: Ralph M. Grant, Pres., Industrial Holographics, Inc., Dept. CN, Industro-Plex West, 2247 Star Court, Auburn Heights, Michigan 48057 U.S.A. Telex: 23-4377 IHI. Cable: LRAY.

MACHINE TESTS RETREADS SAFELY -- Laser photography enables the "HN36 L-Ray Tire Analyzer" to detect defects in retreaded tires without damaging them. Trapped air bubbles, rust, separations, and poor adhesion can be spotted with this new technology. Approximately 100 to 150 tires can be examined per 8-hour shift. This machine sells for $48,800. WRITE: Ralph M. Grant, Pres., Industrial Holographics, Inc., Dept. CN, Industro-Plex West, 2247 Star Court, Auburn Heights, Michigan 48057 U.S.A. Telex: 23-4377 IHI. Cable: LRAY.

STRONG, DENSE SEAMLESS STEEL RING -- A highly automated processing technique ensures product uniformity and low costs for this firm's "Seamless Steel Automotive Ring Gear." Hot rolling used in production is said to produce optimum grain flow within a strong, dense seamless steel ring, which can be used by the automotive, steel, and oil field industries. Induction heating also reduces scale loss and surface pitting, says the manufacturer, who is currently seeking agents. WRITE: Hilda W. Mosbey, Customer Service -- Sales, Brenco, Inc., Dept. CN, P.O. Box 389, Petersburg, Virginia 23804 U.S.A. Telex: 82-8300. Target: [3] [4]

TOOL DOUBLES AS CARRYING CASE -- "Li'l Deuce" is designed for mechanics as a wrench set which contains seven wrenches and a versatile tool handle. It also can be used as a carrying case, which can reduce tool loss. Each of this product's wrenches enables the user to gain access to narrow spots and deep recesses, and can be used without its handle. The firm seeks agents, distributors, and liensing possibilities for this device, which is priced from $5.45 to $6.28. WRITE: Harmon P. Yates, M. Emil Strong Co., Dept. CN, P.O. Box 511, Longview, Washington 98632-0049 U.S.A.

WIND DEFLECTOR SAVES FUEL COSTS -- The aerodynamically designed "Royal-Air Wind Deflector" can be attached to the top of truck cabs to reduce air resistance and save fuel costs. Its teardrop shape allows air to flow over the trailer and around its side, reducing air drag. The firm seeks agents for its deflector, which costs from $400 to $700. WRITE: Ron Tankersley, Export Trade Spec., East Ford, Inc., Dept. CN, 3940 Hwy. 80 W., Jackson, Mississippi 39209 U.S.A.

Aviation

AIRCRAFT IS EASY TO BUILD AND FLY -- The "Challenger II" is an ultralight aircraft designed for training and recreational two-place flying. Recreational pilots, aerial spray pilots and flight schools, it is said, will find the aircraft easy to build and fly. It can be adapted to floats for water operations and fitted with agricultural crop spraying options. Made with aluminum and chromalloy steel, the plane is said to be durable and its controls smooth and responsive. Equipped with a Rotax 277 28 hp engine, the plane is said to be fuel efficient, with 700 fpm climb rate and 50 mph cruise. The aircraft comes in kit form and can be assembled in 40 to 60 hours, according to the firm. It is priced at $7,200. The company is seeking distributors. WRITE: J.B. Straley, Mkt. Dir., Quad City Ultralight Aircraft Corp., Dept. CN, 3610 Coaltown Rd., Moline, Illinois 61265 U.S.A. Telex: 46-8556.

CV SILICONE FOR USE IN SPACE -- Satellite manufacturers will be interested in this firm's "CV-1142," a one-part, translucent non-slumping RTV silicone specially designed and processed for applications requiring extreme low temperature, low outgassing and minimal volatile condensibles under extreme operating conditions. This formulation is based on a phenyl silicone polymer with a service temperature range of -115o to 232oC. The price is $800/.45 kg. WRITE: Del Petraitis, Operating Mgr., McGhan Nusil Corp., Dept. CN, 1150 Mark Ave., Carpinteria, California 93013 U.S.A.

HEAT-RESISTANT HONEYCOMB FOR AIRCRAFT INTERIORS -- The properties of this firm's polyetherimide "Honeycomb" make it a suitable choice for finishing aircraft interiors and electronic enclosures, the manufacturer states. The product is resistant to high temperatures and burning to 200oC, while its installation helps reduce weight and maintains or increases stiffness, according to the company. This material resists rot or corrosion and can be bonded with 100 percent solids epoxies. Core densities and cell diameter may be altered to suit applications, and costs are said to be moderate compared to competitive materials. Sheet sizes are 1.20 x 2.40 m, and thickness ranges from 3.175 mm to 30 cm with tolerance of + .005. WRITE: John Vermeulen, Sales Mgr., Plascore, Inc., Dept. CN, 3022 88th Ave., Zeeland, Michigan 49464 U.S.A.

MACHINE MEASURES WINDSHEAR -- Designed and built for the U.S. Federal Aviation Authority, the "Low-Level Wind Shear Alert System" detects and measures microburst wind shear occurances at airports. Incorporating microcomputer-controller technology, the central control station, up to 16 remote measuring sites, and 12 remote visual and audible alarm-displays are designed for continuous, uninterrupted operation. Surface wind information is available to ground controllers and pilots. WRITE: David W. Gilmore, Intl. Sales Mgr., Climatronics Corp., Dept. CN, 140 Wilbur Place, Bohemia, New York 11716 U.S.A.

AIRCRAFT LOADING CONVEYOR -- The "Mobile Baggage and Cargo Conveyor" is designed to serve all types of aircraft. Equipped with a single-piece, rough-top belt 61 cm wide, the conveyor features a bed 88 cm wide and 780 cm long and a frame of unitized construction, welded to form the single-piece structure. This economical, innovative conveyor is priced at $25,000. WRITE: Al Figueras, Dir., Wollard Airport Equipment Co., Dept. CN, 6950 NW. 77th Court, Miami, Florida 33166 U.S.A. Telex: 51-8833 WASE MIA.

Building and construction

REVOLVING DOOR KEEPS DARKROOM LIGHT-SAFE -- The "Speedmatic Revolving Darkroom Door" provides easy access to photographic, X-ray or graphic arts darkroom labs while keeping the labs completely light-safe, according to the company. This sturdily constructed door prevents accidental exposure of sensitized material, and a safety pop-out feature allows for instantaneous removal from the doorway for emergencies, moving equipment and cleanup. Other features include a handrail for easy closure and a non-slip floor. This rotary door is easy to install and uses only 76 x 76 cm of valuable floor space. Other models are available, and they are priced from $995 to $1,355. WRITE: M.C. Harris, Adm. Asst., ESECO-Speedmaster, Dept. CN, E. Airport Rd., Cushing, Oklahoma 74023 U.S.A. Telex: 70-4205.

CONSTRUCTION FILM HAS MULTIPLE APPLICATIONS -- Builders and contractors can use this firm's polyethylene film as a vapor barrier between walls and studs and in ceilings and crawl spaces. It can also be used to cure cement and to provide construction enclosures or temporary partitions. Palletized and banded for safe delivery and easy storage, this product is said to be FHA approved and meet Product Standard PS 17-69 requirements. The price ranges from $12.50 to $15. WRITE: Sandy McGaughy, Sales Rep., Poly-America, Inc., Dept. CN, 2000 W. Marshall, Grand Prairie, Texas 75051 U.S.A. Telex: 79-2851 Poly Am Artn. Cable: POLY AM.

PRE-ENGINEERED BUILDINGS ARE QUICKLY ASSEMBLED -- Designed for use in agriculture, aviation, business, and housing, this company's structural steel building systems use steel tubing coated with zinc chromate rust inhibitors. The structural steel tubing and framing is said to yield low freight and construction ease, and a patented door system provides superior use of interior space. The "Nunno 1530 Rectangular Clear Span Storage Building" shown here measures 12.8 x 10.9 x 3.2 m and sells for $9,895 U.S. retail list price. WRITE: David Bean, Dir. of Mktg., Nunno Corp., Ltd., Dept. CN, Dry Creek Rd./Cloud Way, P.O. Box 368, Paso Robles, California 93447 U.S.A.

DURABLE, CONVENIENT BONDING CEMENT FOR MORTAR-FREE WALLS -- "Quickwall" is a surface bonding cement for coating new or existing cement block walls. Unskilled workers can build secure walls by stacking up blocks without mortar and then coating them with this product, achieving a bonded wall with superior flexural strength and impact resistance, compared to conventional block and mortar construction, according to the company. The product contains glass fibers, produces a decorative textured finish in a single application, and is resistant to cracking and water penetration. This cement may also be used as a weather-resistant coating with foam insulation board systems. The price is from $10 to $15/unit. WRITE: Mike Burkhardt, Sales, Pre-Mix Industries, Dept. CN, P.O. Box 1846, Chesapeake, Virginia 23320 U.S.A.

EXPANSION JOINT CONTROLS CRACKING -- "Insuljoint I" was developed to meet the needs of exterior insulation wall manufacturers to provide a joint superior to plastic or caulk models. This product is pure zinc, will not break down from freezing, thawing, or ultraviolet rays, and provides outstanding keying action along with a 6.3 mm joint sightline, the firm states. The joint can also be used when sheathing and lath must be broken behind the joint area. Traditional applications include soffit areas where extreme wall expansion and contraction is expected. Agents are sought for "Insuljoint" and other models. WRITE: Fred Manno, Intl. Sales Mgr., Expansion Joint, Keene Corp., Dept. CN, Dept. F, Rte. 10, Box 14, Parkersburg, West Virginia 26101 U.S.A. Telex: 86-9417.

RESIN SYSTEM OFFERS UNLIMITED STRUCTURAL APPLICATIONS -- "EXTREN 500" is an all-purpose series of plastic structural shapes for indoor or outdoor industrial or commercial applications that do not require fire retardant properties. The least expensive of the "EXTREN" series, this product has been used extensively for many years as a replacement for wood, steel, or aluminum, the firm states. It is said to cut maintenance costs and to remain unaffected by a broad range of chemicals and corrosive environments. The price begins at $1/.3 m. WRITE: Jerry Stone, Technical Sales Coordinator, Morrison Molded Fiber Glass Co., Dept. CN, Box 580, 400 Commonwealth Ave., Bristol, Virginia 24201 U.S.A. Telex: 82-9327. Cable: MMFG Bristol.

ELECTRIFIED FLOOR SYSTEM IS VERSATILE -- Commercial and office building owners can use this firm's "Floor Deck In-Floor Electrification System," a distribution system using divided duct and trench feeder to satisfy any structural requirements, including bar joist, steel frame or concrete construction, according to the firm. This system is designed to accommodate any office layout and to provide easy access to electrical, telephone and computer requirements. The company can supply an entire floor system, including painted or galvanized decking to fit with an electrical system. Various heights, widths, gauges and compartment sizes are available. The price ranges from $1,000 to $1,000,000. WRITE: F.M. Bartholomew, Pres., Mac-Fab Products, Inc., 700 S. Spring Ave., St. Louis, Missouri 63110 U.S.A. Telex: 910-761-0406.

ADJUSTABLE SHELVES ARE EASY TO CLEAN -- "Fast Fit Adjustable Shelving" *is made from* steel with a hard bonderized baked enamel finish said to be strong and easy to clean. Available in ten adjustable length sizes, with several different depth sizes, this shelving is designed to fit all closet requirements, according to the firm. It can be installed in 3 to 5 minutes with no cutting, trimming, or painting. The price ranges from $5 to $20. WRITE: Wendy Kennedy, Adm. Sales Mgr., Solar Hardware Co., Dept. CN, P.O. Box 525, Taylorsville, Mississippi 39168 U.S.A.

VERSATILE CLOSET RODS CAN ADJUST TO ANY SIZE -- "Fast Fit Adjustable Closet Rods" are made from seamless chromite tubing and are available in several adjustable sizes designed to fit all closet sizes. Three-step installation proves fast and easy, according to the firm. Described as durable and easy to clean, the closet rods are priced from $1 to $4. WRITE: Wendy Kennedy, Adm. Sales Mgr., Solar Hardware Co., Dept. CN, P.O. Box 525, Taylorsville, Mississippi 39168 U.S.A.

COLORFAST EXTERIOR PORCELAIN ENAMEL FUSED TO STEEL PANELS — Intended for use in interior and exterior architectural applications, as well as for chalkboard and dry wipe writing surfaces, this firm's porcelain enamel is a glass coating which is fused to steel at extremely high temperatures. Because the glass-like material actually becomes a part of the steel, the surface is mar-proof, scratch-resistant, and colorfast, according to the firm. Architects, designers, contractors, and manufacturers of writing surfaces will be interested in this product, which is priced at $1.20/.09 m2. WRITE: Pat Nickles, Mktg./Sales Coordinator, Alliance Wall Corp., Dept. CN, P.O. Box 920488, Norcross, Georgia 30092 U.S.A. Telex: 810-766-0436.

ALUMINUM LOUVERS RESIST FIRE — Available in a variety of cell and panel sizes, this firm's aluminum cube and parabolic louvers are designed to diffuse light and air in office buildings and factories. They will not smoke or emit dangerous gases when exposed to fire nor become staticized and attract dust when subjected to air flow, the firm states. Described as fade-proof and relatively color stable, the louvers come in finishes of mill and precoated white or black. Gold and bronze are available upon request. WRITE: Ronald Caferro, Pres., Ecolite Manufacturing Co., Dept. CN, P.O. Box 7442, N. 3223 Market St., Spokane, Washington 99207 U.S.A.

SOLID WOOD BLOCKS FOR HOUSE BUILDING — This firm is seeking agents, licensees and distributors for its solid, kiln-dried Western red cedar wood blocks for building houses, cabins or out-buildings. The blocks feature tongue-and-groove milling for self-alignment and holes to accommodate spikes. Caulking or adhesive is used to make the block construction weatherproof. The blocks offer the natural insulating properties of wood and their 1.12-m length ensures easy transportation into remote areas. In addition, the blocks, which carry a 40-year guarantee, are treated in a non-poisonous salt solution that prevents termite damage and rot. The company reports that unskilled workers can easily erect buildings with these blocks, which are priced at $5.30/.09 m2. WRITE: Glenn Spencer, Pres., Intl. Wood Block Corp., Dept. CN, 304 Main Cross St., Charlestown, Indiana 47111 U.S.A.

PRESSURE-TREATED TIMBER — Public utilities, railroads and government operations are end-users for the company's long-lasting pressure-treated timber from the Pacific Northwest of the United States. Douglas fir and hemlock of superior quality in strength, straightness and large dimension are processed as utility poles, pilings, railroad ties or timbers, and treated in accordance with recognized industrial specifications, including British standards, U.S. federal specifications, ASTM, ANSI and AWPA. The company offers large production capacity and shipment based on FAS or CIF destination through agents or direct. WRITE: Bruce G. Lines, Product Sales Mgr., Wyckoff Co., Dept. CN, 1508 Peoples National Bank Bldg., Seattle, Washington 98171 U.S.A.

HIGH-QUALITY HARDWOOD MOLDING — The "Back Band" and "Chair Rail" moldings pictured here are high quality wood products for the finishing of residential and commercial buildings, according to the company. Made of soft, fine-textured, straight-grained hardwood poplar timber, the molding improves the appearance of rooms by highlighting special features, such as doors, ceilings, and walls, and covering otherwise bare edges and corners. The company makes a variety of moldings, trims, chair rails, panelings, lattices, bases and screens for order by builders, architects, designers, interior decorators and home-owners. The products come in unpainted or custom-ordered stained finishes. The "Back Band" and "Chair Rail" moldings are priced respectively at $26.30 and $47.15/30 m linear, F.O.B. Hampton, Virginia. WRITE: George Bambalis, Sales Mgr., Export Sales, Inc., Dept. CN, P.O. Box 29083, Richmond, Virginia 23229 U.S.A. Telex: 23-0199 SWIFT UR Att: E.S.I. EXPORTSALES.

HIGH-TECH INSULATION SYSTEM — "Foam Lock Blocks" are molded urethane foam blocks with two cavities, and tongue and groove interlocks on all mating surfaces. They form an insulation system that provides the wall, wall surfaces, and the forms for inclusion of concrete posts and beams without extra forms or construction. The blocks are set directly on the building footings and assembled one-to-one without mortar or cement. The reinforcing iron and concrete or studs are placed directly into the block cavities, creating a self-contained, complete wall ready for interior and exterior finish. Said to enhance structural integrity and insulating R factors, this product sells for $1.80/block. WRITE: A.B. Walker, Pres., Poly Tech, Inc., Dept. CN, 5915 Orchard St. W., Tacoma, Washington 98467 U.S.A.

PRE-ENGINEERED HOUSING SPEEDS CONSTRUCTION — Builders, developers, and real estate companies will be interested in this firm's pre-engineered housing. Customized to meet local needs, the homes are shipped by containers to virtually any location. Each panel and component can be easily removed and set in place by local labor, according to the firm, which is seeking qualified agents and distributors looking for ways to provide inexpensive housing to meet local needs. Priced from $15,000 to $40,000, the housing is available in a wide range of designs. WRITE: Fredric J. Betz, Vice Pres., Sales & Mktg., American Standard Homes Corp., Dept. CN, 700 Commerce St., P.O. Box 4908, Martinsville, Virginia 24115 U.S.A.

PORTABLE HARDWOOD GYM FLOOR — Sports facilities, schools, and recreation departments can use this firm's "Prefabricated Sports Floor," which comes in 1.2- x 2.4-m panels. Completely prefinished, including game line markings and other graphics, this hardwood flooring is shipped in containers from the factory direct to installation site. No special technical skills or equipment is required for installation. Panels can be left in place indefinitely or removed and stored or relocated so that the building can be used for multiple activities. The price is $50,000. WRITE: Frank J. Dellorfano, Pres., Championship Sports Floors, Inc., Dept. CN, P.O. Box 66, Hingham, Massachusetts 02043 U.S.A. Telex: 95-5439.

CONCRETE ADDITIVE HAS STRUCTURAL QUALITIES — Cement contractors and subcontractors will be interested in "Lite Crete," an additive that produces sprayable lightweight concrete with structural qualities. Designed to help produce structures without forms, the product is described as ideal for on-site mass production of low-cost, durable, attractive housing. It also provides a waterproof stucco-like finish with structural qualities. Agents, distributors, licensees, and construction opportunities are sought for "Lite Crete," which is said to produce a maintenance-free, durable finish. WRITE: George Cernohorsky, Chairman, Lite Crete Corp., Dept. CN, P.O. Box 732, Pine Bluff, North Carolina 28373 U.S.A. Telex: 6284-1623.

PORTABLE FLOOR FOR BASKETBALL AND VOLLEYBALL — "Pro King" is the only portable basketball floor in the U.S. that needs no loose parts to hold it together, the manufacturer states. It can be quickly installed by an inexperienced crew and marked for basketball and volleyball. Schools, sports halls, and state recreation centers can use this portable floor, which was used at the 1984 Olympic Games in Los Angeles, California. The price is $47,000. WRITE: Edward Hamar, Vice Pres., Horner Flooring Co., Dept. CN, P.O. Box 372, Dollar Bay, Michigan 49922 U.S.A. Telex: 35-0018

MODULAR SHELTERS PROVIDE HOMES AND OFFICES -- This firm offers rapidly completed "Manufactured Shelters" for areas in which building materials are not available. The modular or knocked-down panel units can be used as single-family homes, apartments, rowhouses, motels, office buildings, and combinations of the above. Modular units are completed in the factory and shipped on trailers to the site to be placed on previously prepared foundations. Panelized units are fabricated with closed wall sections containing siding, insulation, and electrical wiring, and assembled at the site. Systems are priced from $16,000. WRITE: Werner Zirbelbach, Gen. Mgr., Active Homes Corp., Dept. CN, 7938 VanDyke, P.O. Box 127, Marlette, Michigan 484563 U.S.A. Telex: 810-265-0182 ACTIVE ELKT.

FLEXIBLE WHITE WOOD CHAMFER -- Lumber dealers, construction supply firms, and contractors will be interested in this firm's "Chamfer." It is made from North American white woods (pine and spruce) which are said to offer flexibility, nailability, and stability. According to the firm, they will not shrink, expand, or distort when immersed in concrete. Sizes range from 12 to 37 mm, with lengths in U.S. measurements of 6 to 16 feet (1.8 to 4.8 m). Prices are quoted FOB U.S. port of customer's choice. Agents and distributors are sought. WRITE: Rick Blessinger, Pres., Construction Specialties, Inc., Dept. CN, P.O. Box 4638, Helena, Montana 59604 U.S.A.

TOP-OF-THE-LINE CASEMENT WINDOWS — The "Pella Clad Casement Windows" are said to combine a low maintenance exterior finish in white or dark brown baked enamel with an all wood interior ready for paint or stain. The windows feature multiple glazing options, between-the-glass venetian blinds, a disappearing insect screen, and energy-tight weatherstripping. Priced at $175-$250 each, these windows are available in standard or custom sizes and are suitable for both residential and commercial markets. WRITE: David C. Warwick, Commercial Coordinator, Rolscreen Co., Dept. CN, 102 Main St., Pella, Iowa 50219 U.S.A. Telex: 47-8459.

FAST-CURING COMPOUND FOR SEALING AND CAULKING — The "Sonolastic NP I Sealant" is a fast-curing, self-priming caulk and sealant for application directly onto concrete, masonry, aluminum, glass and other surfaces and joints. This low-modulus, urethane compound forms a bond said to last 20 years on properly prepared surfaces. It is also said to withstand joint movement earlier than other one-compound sealants, due to its fast curing properties. The product resists deteri- oration caused by stress, movement, and many chemicals. The company seeks agents and distributors for the $1.90/325 ml cartridge. WRITE: D.C. Chen, Export Sales Mgr., Rexnord Chemical Products, Inc., Dept. CN, 5103 W. Beloit Rd., P.O. Box 2022, Milwaukee, Wisconsin 53201 U.S.A. Telex: 26-727.

DECORATIVE SYNTHETIC GLASS PANELS HAVE MANY APPLICATIONS — Agents are sought for this firm's "Synthetic Stained and Etched Glass." Described as a high-quality alternative to stained and etched glass, it is available in clear, colored and textured cast polyester panels, single- or double-faced, with chemically bonded lead lines. The product can be used for illuminated ceiling panels, booth or partition dividers, and similar decorative applications. The product is recommended for chain and fast food restaurants, specialty ceiling distributors, and restaurant and bank fixture manufacturers. WRITE: James R. Stanclift, Construction Services International, Dept. CN, Box A-420, Monterey, California 93940 U.S.A. Cable: CONSERVAL.

COMPLETE MODULAR BUILDINGS — This firm ships complete building segments with interiors finished and made of noncombustible materials. Assembled in the factory and transported to the site, the units are made of steel and other fireproof materials and have been rated as "Type II noncombustible buildings," according to the firm. Uses include medical facilities, classrooms, and buildings to be relocated. The price ranges from $30 to $60/.09 m2. WRITE: Larry Smith, Mktg. Services Mgr., Scotsman Manufacturing Co., Inc., Dept. CN, 2550 E. 68th St., Long Beach, California 90805 U.S.A.

FAST-SETTING CONTACT ADHESIVE — Formulated for bonding plastic laminates to steel or plywood surfaces, the "Hybond 56 Premium Spray Adhesive" is also said to be ideal for laminating other dissimilar materials — metals, fiberboard and wood products. No clamps, presses or heat-curing is necessary, as contact pressure alone completes the bond. This product permits mass production bonding of counters and table tops, honeycomb partitions, curtain walls and other building components. This highly flammable product is recommended for professional use only. The company makes many other contact adhesives, both flammable and non-flammable, for professional or unskilled users. Prices range from $5 to $12/3.8 liters. WRITE: Pamela A. Fentzke, Mktg. Coordinator, Intl. Div., Pierce & Stevens Chemical Corp., Dept. CN, 710 Ohio St., P.O. Box 1092, Buffalo, New York 14240 U.S.A. Telex: 91-202. Cable: PIERCO.

DURABLE FINISH COATS WALLS AND TRIM — "Tuff Coat" is a newly developed interior high-build, self-priming acrylic coating that builds up a film three or four times that of ordinary paint, providing an exceptionally durable one-coat finish for walls and trim, the firm states. Said to dry in 30 to 60 minutes, it can be used on all interior surfaces, including drywall, plaster, masonry, wood, and primed metal. Described as "scrubbable," it allows surfaces to be cleaned and restored. Priced at $7.50/3.8 liters, this coating is recommended for home, office, industrial maintenance and construction. WRITE: Roger Neuharth, Pres., Bennette Paint Mfg. Co., Inc., Dept. CN, 401 Industry Dr., Hampton, Virginia 23661 U.S.A. Attn: Export Dept.

ATTRACTIVE, ECONOMICAL INSULATED WALL SYSTEM — "Insul Flex" is a combination of wall board and a weather-proof covering designed to insulate, protect and decorate the exterior of new buildings or rehabilitated structures. The firm says that with its technologically advanced methods of insulation, nearly any type of building, regardless of age or wall composition, can be insulated with this product without using any interior floor space. The product is lightweight and vapor permeable to prevent condensation problems. In addition, it is energy efficient and maintenance free, making it cost effective, according to the firm, which is seeking agents. WRITE: Milton Platnico, Mktg. Dir., Simplex Surface Products, Dept. CN, 1232 Washington Ave., St. Louis, Missouri 63103 Telex: 68-4-1034 CBSRV UW.

WOOD PRODUCTS TO SPECIFICATION — This firm's wood products for the building industry consist of dimensional softwood lumber, cut to size and pre-assembled as building parts. Lumber may be CCA-treated, if requried, and the company's plywood is standard construction grades, cut to size and treated. Minimum orders are priced at $5,000. Agents are sought. WRITE: Michael H. Dow, Dir., Export Sales, Universal Forest Products, Dept. CN, 3153 Three Mile Rd. NE., Grand Rapids, Michigan 49505 U.S.A. Telex: 22-6445.

MASSIVE DEADBOLT-LOCK SYSTEM FOR EXTRA SAFETY — The "Lockwood 5094 x 930 Lever Mortise Lockset" is designed to increase safety and convenience in schools, institutions, and apartments. It includes a 2.54-cm throw massive deadbolt and an "anti-panic" feature which, combined with the 930 lever trim, allows for added security, convenient operation, and easy installation, according to the manufacturer. The price is $97.10. WRITE: Evan Matheson, Advertising & Art Dir., Lloyd Matheson, Inc., Dept. CN, Main St., P.O. Box L, Charlestown, New Hampshire 03603 U.S.A. Telex: 95-3107.

VERSATILE LASER-WELDED SPACER STRENGTHENS INSULATING GLASS — Manufacturers of insulating glass will be interested in this firm's laser-welded air spacers in anodized, bronze anodized, and mill finish aluminum, as well as galvanized steel. Said to increase strength and ease handling, these spacers are available in a variety of shapes and sizes and result in easier corner insertion, safer stacking, and more perfect frames. WRITE: Lee Cole, Pres., Hygrade Metal Moulding Mfg. Corp., Dept. CN, 540 Smith Street, Farmingdale, New York 11735 U.S.A. Telex: 96-7747. Cable: HYMETALS FARMINGDALENY.

WELDING SCREEN IN KIT — The "Flashkit PVC Welding Screen" is designed in bronze strips which transmit less than 1 percent of visible, ultraviolet and infrared light. Made from self-extinguishing PCV, the 30.5-cm-wide strips hang from a 2 m2 rigid steel frame and allow the passage of people and materials in and out of the work area. The mobile, semi-transparent screen is said to be safe, and several can be butted together to avoid dangerous gaps. The firm also makes strip doors in kits similar to the welding screen for use in manufacturing and food processing plants and hospitals to isolate areas from cold, noise, wind and dirt, yet permit people, materials and vehicles to pass through. Prices range from $400 to $2,000, and the firm is interested in selling full container loads of either the kits or bulk PVC or hardware. WRITE: Francois Reizine, Pres., F. R. Industries, Inc., Dept. CN, 557 Long Rd., Pittsburgh, Pennsylvania 15235 U.S.A. Telex: 86-6719.

MOBILE FACTORY PRODUCES ON-SITE STEEL BUILDINGS -- This firm's "K-SPAN Steel Building System" allows for construction of a 464.5 m2 steel warehouse in one day, on the construction site, without any support beams or nuts and bolts, the firm states. This transportable, economical system generates its own power and can be operated in remote areas. Priced at $250,000, it is said to produce durable buildings for unlimited uses. The firm seeks agent distributors and can arrange partial financing in certain transactions. Necessary personnel will be fully trained at the factory in the U.S. WRITE: Ruth Cochran, Dir., Export Adm., G.A. Knudson International, Ltd., Dept. CN, P.O. Box 17369, Washington, D.C. 20041 U.S.A. Telex: 24-8315.

TROWEL TRADE TOOL ASSORTMENT — This long-established firm is seeking distributors for its set of trowel trade tools (pictured). The company makes high quality tools and equipment for professional cement finishers, bricklayers, plasterers and drywall installers, as well as for the do-it-yourself market. WRITE: Jim Schrock, Export Sales Mgr., Goldblatt Tool Co., Dept. CN, 511 Osage, P.O. Box 2334, Kansas City, Kansas 66105 U.S.A. Telex: 910-743-4117

PRECISION DRILL GUIDE SIMPLIFIES OVERHEAD JOBS -- Woodworkers, builders, locksmiths, and hobbyists will be interested in the "Precision Drill Guide No. 36/37," which allows the user to convert a portable electric drill into a precision tool without removing the existing chuck. Ready to operate as soon as the drill chuck is fastened to the shaft on the drill guide, this device quickly adjusts to drill accurate right or variable angle holes in wood or metal, flat or round stock with controlled depth stop, the firm states. Designed to combine drill press accuracy with lightweight portability for home, auto or marine projects, the guide folds flat for storage and sells for $15-$16. WRITE: Tom McGennon, Vice Pres., Mktg., General Hardware Mfg. Co., Dept. CN, 80 White St., New York, New York 10013 U.S.A.

CONVENIENT, HEAVY-DUTY AERIAL HAULING DEVICE -- "Reach All" is said to utilize exclusive double cylinder design, plus automatic hydraulic basket leveling for maximum safety and performance in highline construction, general maintenance, bridge repair, and aircraft maintenance. Designed so that no cables or chains are necessary for actuation, this equipment requires less maintenance, according to the firm. The aerial baskets meet or exceed OSHA Standards. Agents and representatives are sought for this product which is priced at $350,000. WRITE: M.W. Halawa, Intl. Mktg., Mgr., Midpoint Industries, Dept. CN, 18 S. Michigan Ave., #900, Chicago, Illinois 60603 U.S.A. Telex: 687-1182.

SAW BLADE CUTS CURVES AND IRREGUALR SHAPES -- The "Portalign Delta Blade" is said to be the first saw blade that allows circular and table saws to cut curves and irregular shapes. Its triangular shape also allows the blade to cut curves for fencing tops, counter tops and cradles for heating and air conditioning ducts. Unlike a conventional blade, the "Delta Blade" runs cool, increasing its durability. Its versatility is said to save the expense of saber and reciporocal saws. The "Delta Blade" fits all circular saws with an 18.4-cm blade capacity and .4 cm shaft. It is ideal for the homeowner, contractor, builder, boat builder, roofer, plumber, electrician, air conditioning and heating installer. The price is from $3.00 to $5.00. WRITE: Charlie Loch, Vice Pres., Sales, Portalign Tool Corp., Dept. CN, 4909 Pacific Highway P.O. Box 80547, San Diego, California U.S.A. 92138

ENERGY-EFFICIENT REPLACEMENT FOR INCANDESCENT LIGHT -- The "Entralux NRG-128" wall lamp is designed for new construction or for retrofitting existing incandescent systems without rewiring. Its compact, vandal-resistant design and aesthetic styling make it an architectural choice for general indoor and outdoor lighting around hotels, motels, apartments, homes, shopping centers, banks, schools, restaurants and other commercial buildings. The lamp is available in 35 or 50 W high-pressure sodium, and 9 W fluorescent, both in a 60 Hz version, and in 50 W high pressure sodium in the 50 Hz version. The company reports that users may save up to 77 percent of the energy costs of incandescent lighting. The lamp is priced from $40 to $100. WRITE: Larry D. Garland, Mgr., Intl. Sales and Service, Hubbell Lighting Division, Dept. CN, 2000 Electric Way, Christiansburg, Virginia 24073 U.S.A. Telex: 82-9406.

LIGHTING CONTROL FOR INDUSTRIAL AND COMMERCIAL OPERATIONS -- The "ASCO 917 Remote Control Lighting Contactor" is available with any combination of 2 to 12 poles. This 20-amp, mechanically held, multipole remote control contactor incorporates a single-solenoid, bidirectional operating mechanism which eliminates the need for two separate solenoid operators and magnetic or complex linkage as a latching means. Described as lightweight, compact, and easy to install, the "ASCO 917" is recommended for flush mounting in 102 mm stud-consturction walls. The price ranges from $187 to $474. WRITE: R.D. Schnaidt, Technical Coordinator, Intl. Dept., Automatic Switch Co., Dept. CN, 50-60 Hanover Rd., Florham Park, New Jersey 07932 U.S.A. Telex (RCA): 21-9445 ASCO-UR. Cable: ASCOSWITCH.

MOBILE ELEVATING DOCK FOR HEAVY-DUTY LOADING AND UNLOADING -- Designed for high-speed, heavy-duty, high-volume operation, the "Uni-Lift" handles nearly any type of load and requires no extra equipment, the manufacturer states. The user can swiftly maneuver it into position for quick, safe, economical transfer of a load between vehicle and ground level. The unit can be operated from truck bed, ground level and platform, which reduces vehicle turn-around time and utilizes existing labor to the maximum, according to the firm. Agents, distributors and licensees are sought for this device which is priced from $6,000 to $11,000. WRITE: Harold Green, Sales Mgr., Techno Products, Dept. CN, 20850 St. Clair Ave., Cleveland, Ohio 44117 U.S.A. Telex: 98-0131 WDMR.

MACHINE SPRAYS ON INSULATION AND FIREPROOFING -- Insulation, fireproofing, and building contractors will be interested in the "KSI Spraymaster," which applies fiberglass, mineral wool, cellulose, CAFCO, and other materials for acoustical and thermal insulation as well as fireproofing of structural steel and other building materials. It is the only machine which conditions fiber for more precise coverage, the firm states. Described as compact and high-volume, the machine is priced from $10,000. Agents and end-users are sought by the company, which claims to work closely with insulation manufacturers worldwide. WRITE: Dodson Roberts, Export Mgr., KSI Inc., Dept. CN, Export Sales Div., P.O. Box 40801, Memphis, Tennessee 38174 U.S.A. Telex: 38-2335.

ONE-OPERATOR WALLBOARD CRANE -- The "1331 Wallboard Crane" is a truck-mounted, hydraulic articulating crane for handling heavy construction materials. Designed specifically for the building materials industry, the crane offers fast loading and unloading, accurate placement and smooth one-operator control of wallboard, paneling, roofing, plywood or other stacked or pallet material. Mast-mounted controls give the operator maximum function and visibility. In addition to significant safety features, the unit also offers a horizontal reach of 9.4 m and a working height of 10.6 m. The crane alone with wallboard fork and hydraulic rotator costs $36,030. The complete unit, including truck chassis, 6.55-m flatbed body, load restraining straps and crane installed, costs $104,868. WRITE: W. F. Norris, Mgr., Intl. Sales, Iowa Mold Tooling Co., Inc., Dept. CN, 500 Highway 18 W, Garner, Iowa 50438 U.S.A. TWX: 910-523-6930.

FLEXIBLE EPOXY OVERLAY FOR BRIDGE DECKS -- The "MARK-163 (FLEXOGRID) System" is described as a unique chemical combination of epoxy and urethane molecule specially designed to provide a flexible yet strong waterproofing and de-slicking system for highway bridge decks. The overlay system is designed to accomodate hairline cracks and light movements of the concrete structure due to heavy traffic and extreme changes in weather conditions. Available in two formulations, one for regular temperature applications (10o C and up) and another for low-temperature applications (-4o C), the system is recommended for high-traffic areas where conventional epoxies undergo cracking and debonding during lower temperature conditions. WRITE: S.R. Sathe, Technical Service Dir., Poly-Carb, Inc., Dept. CN, 33095 Bainbridge Rd., Solon, Ohio 44139-2852 U.S.A.

PAVEMENT SEALER FOR CONSTRUCTION AND REPAIR -- "Crafco BC-220 Sealer" covers high-production sealing tasks or small batch maintenance jobs. It is designed to handle all road asphalts, including asphalt, rubber and U.S. Government specification sealants. This 760-liter double boiler vat with a 500,000 Btu heat input is said to heat quickly and to offer ease of operation, low maintenance, and quick clean up. Dealers and distributors are sought for this product which is priced from $13,000 to $17,000. WRITE: R.L. Abraham, Export Mgr., Crafco, Inc., Dept. CN, P.O. Box 14276, Portland, Oregon 97214 U.S.A. Telex: 36-0384 Atn: Carfco. Cable: Export.

SEALER PROTECTS CONCRETE AND MASONRY SURFACES -- Building contractors and waterproofing contractors will be interested in "Stifel," a product for sealing cured concrete and masonry surfaces to provide protection from freeze-thaw damage, erosion, chloride ion related corrosion and delamination, and mortar leaching. For use in areas where concrete or masonry surfaces are exposed to periodic contact with water and waterborne chemicals, "Stifel" can be used as a prime coating on new and old surfaces. It is recommended for bridge decks, parking structures and ramps, taxiways and sidewalks. WRITE: Carl H. Linn, Dir., Export Sales, Nox-Crete Chemicals, Inc., Dept. CN, 1444 S. 20th St., Omaha, Nebraska 68108 U.S.A. Telex: 48-4543. Cable: Nox-Crete.

MEMBRANE LINER PREVENTS SEEPAGE -- This firm's membrane liner is a cost-effective alternative to concrete or asphalt for the containment or prevention of water seepage or contamination. Said to be reliable and long-lasting, the membrane represents advanced technology in rubber and plastics and is sold in large factory-fabricated panels which can by positioned by hand with machine help. These liners control seepage losses in irrigation projects, parks, water works, and landfills, as well as prevent contamination of surrounding areas by salt, industrial waste, mining solutions, sewage and landfill leachate. The company makes the liners out of Hypalon, PVC and other petrochemicals, depending upon required usage. The price ranges from $1.50 to $7/m2. WRITE: John A. Duffy, Vice Pres., Watersaver International, Ltd., Dept. CN, P.O. Box 16325, Denver, Colorado 80216 U.S.A. Telex: 432--2081. TWX: 910-931-0433.

ROAD REPAIR COMPOUND QUICK AND COST-EFFECTIVE -- "Quickrete Rapid Road Repair" is a fast-setting, high strength, fiberglass-reinforced, concrete patching compound. Once applied, its quick setting time allows it to accept heavy traffic in one hour, according to the firm. Road-tested under strenuous conditions, "Rapid Road Repair" withstands the rigors of freeze-thaw cycles and is permanent for the life of the road. Future maintenance in the repaired area is eliminated, which makes it cost-effective. The quality of the product makes it ideal for military installations, airports, municipalities, highway departments and private contractors. "Road Repair" sells from $19.00 to $26.00/30 kg bag. One bag mixed with 3.8 liters of water yields 1.2 m3 of mix. WRITE: Mike Burkhardt, Sales, Pre-Mix Industries, Dept. CN, P.O. Box 1846, Chesapeake, Virginia 23320.

NEW SEALER PROTECTS EXTERIOR SURFACES -- "Paverseal" is a water-based, fast-drying sealer for brick, paving stone and tile. Designed to enhance the beauty and color of the surface without added gloss, this formula is said to have exceptional adhesion and ability to resist abrasion, marring, scratching, mold, and mildew. It is described as highly water repellent, alkali resistant, non-yellowing, and resistant to ultraviolet light. According to the firm, it allows for easy removal of all kinds of stains. Agents and licensing arrangements are sought for this product which is priced at $12/3.8 liters. WRITE: Ken Nielsen, Sales Mgr., Sampson Coatings, Inc., Dept. CN, 1900 Ellen Rd., P.O. Box 6625, Richmond, Virginia 23230 U.S.A.

HIGH-TECH ELECTRIC CHAIN HOIST -- The "Series 626 Electric Chain Hoist" is controlled by an advanced microprocessor which enables it to exceed the performance level of a conventional hoist, the firm says. Among its features are programmability, electronic travel limits that can be set in seconds, and an automatic monitoring system that reduces hoist abuses. Another advantage is the machine's capability for lowering creep speed for accurate load positioning which was never before possible, according to the firm. The "626" is recommended for manufacturing plants, utilities, small workshops, marinas and construction. It sells from $700.00 to $1,500. WRITE: Richard B. Hugentobler, Export Sales Mgr., Columbus McKinnon Corp., Dept. CN, Audubon & Sylvan Parkways, Amherst, New York 14228. Telex: 685-4301. Cable: McKincorp.

VACUUM LOADER PICKS UP SOLIDS OR LIQUIDS -- The "Vac-All Vacuum Loader" will pick up and convey any material that will flow through a hose -- solids, liquids and slurries. Use of this unit will reduce clean-up costs, clean up difficult locations, handle fine, dusty materials, and, if desired, reclaim waste products for recycling. The high-lift model is available in 30 and 50 hp with a capacity of 2.28 m3 and a discharge height of 1.22 m. The unit may be driven by an LP gas or diesel engine, or electric drive. It can convey material up to 500 feet, depending on the density of the material. The model can be towed by a fifth wheel utility vehicle, as pictured, or it can be trailer- mounted for road speeds. Standard equipment includes automatic controls and safety features. The company seeks agents for this unit which is priced from $100,000 to $250,000. WRITE: Bill Stanis, Asst. Sales Mgr., Central Engineering Co., Inc., Dept. CN, 4429 W. State St., Milwaukee, Wisconsin 53208 U.S.A. Telex: 26-641.

CONTROL MIXES CONCRETE OR ASPHALT -- The "9210 Mini Batchelor" is a microprocessor control device which regulates the amount of materials used in many batching operations for concrete or asphalt in the building industry. The model can control up to four different ingredients. It features a two-speed feed control and can offer a discharge control. It can also control one scale and store one formula at a time. As each ingredient is mixed in the batch, the setpoint feature of the unit controls the flow of material once the desired weight is reached. This feature combined with a load scale cell allows for increased accuracy in batching and also acts as a labor-saving device. The model is priced from $4,500 to $5,500. WRITE: G. Martini, Export Sales Coordinator, Toledo Scale Div. of Reliance Electric, Dept. CN, 350 W. Wilson Bridge Rd, Worthington, Ohio 43085 U.S.A. Telex: 687-4626.

CONCRETE SCREED CUTS COSTS -- The "JD Self-Propelled Concrete Roller Screed" is said to cut costs and save time in levelling poured concrete highways, hardener floors, runways, slopes and canals. Simplified for one-person operation, the model is especially designed for rodding low-slump concrete. It can handle up to 125 m3/hr and its capacity for fast set-up and more maneuverability insure superior manageability during the pour, according to the company. Its high-quality, heavy-duty parts assure low maintenance. The unit may be transported on its own trailer. The price is $25,000. WRITE: Dale S. Malm, JD Concrete Screed, Dept. CN, 181 E. Industry Ave., La Habra, California 90631 U.S.A.

DRY METALLIC TOPPING REDUCES ENERGY COSTS -- "Goodyear Quick Silver" is a dry metallic topping that is manufactured from a special aluminum alloy and processed into uniform lightweight particles. It can be applied by blower or by hand, requiring no special skill or training. The dry particles, or "chips," are blown on and instantly are embedded into any tacky, freshly applied cold process roofcoating to provide a 45 percent reduction in roof heat load compared to conventional DAR surfaced roofing, the firm states. WRITE: Jarmila I. Hyncik, Vice Pres., Intl., Consolidated Inter-Continental Corp., Dept. CN, 1801 E. 9th St., Cleveland, Ohio 44114 U.S.A. Telex: 98-0592. Cable: CONSOLITE.

WEATHER-TIGHT ROOF PANELS HAVE CONCEALED FASTENERS The "RS-18 Roof Panel" is designed to provide a simple, versatile roof system. It is electrically machine seamed in the field to guarantee a weather-tight seal and enhance the appearance by concealing the fasteners. Available in a range of sizes, the panels feature UL certification, factory-applied sealants, and a variety of available finishes. The manufacturer actively seeks license for fabrication outside the U.S. WRITE: William DeVries, Pres., Roof Systems, Inc., Dept. CN, 5380 36th St. SE., Grand Rapids, Michigan 49508 U.S.A.

ROOFCOATING RESISTS PONDING WATER -- Recommended for all industrial and commercial buildings, "Goodyear DLA Roofcoating" was developed for use on dead level asphalt and gravel roofs. Formulated with blended, vacuum-distilled, low melt point asphalts and special plasticizers and oils, it remains soft and pliable for added protection against ponding water, according to the firm. Rated Class A by Underwriters Laboratories, this product offers self-healing capabilities and is priced from for $8 to $9/3.8 liters. WRITE: Jarmila I. Hyncik, Vice Pres., Intl., Consolidated Inter-Continental Corp., Dept. CN, 1801 E. 9th St., Cleveland, Ohio 44114 U.S.A. Telex: 98-0592. Cable: CONSOLITE.

ROOF MEMBRANE IN A ROLL -- The "Swepco Uni+Shield Single Ply Roof Membrane" is a pre-manfuactured waterproofing membrane in a roll for use on both old and new roofs for commercial, industrial and institutional buildings. Quickly and easily installed on both old and new roofs, "Swepco Uni+Shield" is said to be thicker, thougher and stronger than most conventional roofing materials and other single-ply membranes, and it can be guaranteed for up to 20 years. The edges of the membrane are joined in a simple heat welding operation which assures a fused, watertight seam without the use of hot asphalt, adhesives or sealants. Inquiries about distributorships and direct purchases are welcome. WRITE: Buddy Thomas, Sr. Vice Pres., Southwestern Petroleum Corp. Dept. CN, P.O. Box 789, Fort Worth, Texas 76101 U.S.A. Telex: 75-8300. Cable: SWEPCO.

DURABLE ROOFING IS APPLIED COLD -- The "Wilson Polyester Roof," which is applied cold, and composed of high strength polyester membrane, super elastic coating and solar reflective coating, is said to be durable and energy efficient. Compared to other systems, which stretch 2 percent, this roof stretches 40 percent before breaking, according to the firm. The polyester is puncture- and tear-resistant under extreme weather conditions. Its top coating relfects 80 percent of the sun's rays, reducing energy costs. In addition, it is said to weigh 56.7 g/m2 compared to the weight of fiberglass at 45.4 g/m2, making the product light enough to cover an existing roof. Roofing contractors, building owners and developers will be interested in the product which is available with 5- 10- and 20-year warranty programs and maintenance agreements. The firm is seeking agents, distributors and end-users. WRITE: Dodson Roberts, Pres., Roberts International Dept. CN, P.O. Box 40801, Memphis, Tennessee 38174. Telex: 38-2335.

SMALL CONCEALED SPRINKLER -- The solid brass "Phantom Concealed Sprinkler" is said to be smaller, lighter and more economical to install in offices than conventional sprinklers. It also offers two-thirds less exposure than other concealed sprinklers, according to the firm. The standard cover plate measures 7 cm, and an 8.26 cm plate is designed for highly textured ceilings. Cover plates come in various finishes to allow blending with ceiling decor, and a 1.27-cm adjustment factor allows for ceiling variances and reduces labor. An institutional model is available for jails and mental health facilities. The firm seeks agents for the product which costs from $8 to $20. WRITE: Raymond J. Malek, Exec. Vice Pres. Star Sprinkler Corp., Dept. CN, 307 W. Layton Ave., P.O. Box 511, Milwaukee, Wisconsin 53172.

CONTROL AND SIGNAL CABLE FOR BUILDINGS -- The "Dekoron Plenum Cable," a flexible, flame-retardant control and signal cable, may be installed in plenum and environmental air spaces without a conduit. The product features fluoropolymer insulation and cross-linked elastomeric jacket and is said to be easy to install and of lower cost than fluorocarbon-based plenum cable. The "Dekoron" is ideal for fire alarm systems, smoke detection devices, sprinkler controls, point-of-sale terminals, computer interconnects, security and other building systems. WRITE: Hans A. Drescher, Mgr., Intl. Services, Eaton Corporation, IPP Div., Dept. CN, 1199 S. Chillicothe Rd., Aurora, Ohio 44202 U.S.A. Telex: 98-6446.

STEEL BARRIERS FOR CONSTRUCTION SITES -- "Samia Traffic Control Barriers" divert pedestrian traffic and vehicle traffic around building sites. These lightweight, galvanized steel sections interlock to form long lengths or corners. Suitable also for delineating parking lots, the barriers are 2.5 m in length, 1.10 m high and weigh 18 to 21 kg each, depending on the particular model. Easy to stack and store in relatively small spaces, the sections cost between $70 and $120 each. The firm seeks agents and distributors. WRITE: Francois Reizine, Pres., F.R. Industries, Inc., 557 Long Rd., Pittsburgh, Pennsylvania 15235 U.S.A. Telex: 86-6719.

COMPACT, EFFICIENT WATER HEATER -- The "Compact 400 Water Heater" is said to be 4 to 5 times smaller than a conventional water heater, while producing 2.498 liters/sec of 60o C water. It can be operated on steam, boiler water and high-temperature water. A special design feature, the "P-K Anticipator," senses heat demands based on inlet water flow and temperature. This function reduces fluctuations, providing hot water to fixtures within plus-minus 15o C. The water heater is made with non-ferrous materials, including an SB-96 copper silicon shell. Stainless steel construction is also available. The product is recommended for schools, universities, office buildings, apartments, industrial buildings and hospitals. WRITE: Robert S. Muth, Advertising

Mgr., Patterson-Kelley Co., Dept. CN, P.O. Box 458, East Stroudsburg, Pennsylvania 18301 U.S.A.

ECONOMICAL, EFFICIENT WATER HEATER -- "The Conservationist" is said to produce hot water at the lowest operating cost of any residential gas water heater. It features a combustion chamber surrounded with water to prevent heat loss and restricted air flow to the off cycle to minimize standby losses. The product is noted for having fewer sediment problems and high recovery efficiency, according to the firm. The unit is recommended for residential structures or other buildings using hot water. Price is $150.00 per unit. The firm is seeking agents and distributors. WRITE: G.L. Pechauer, Mgr., Sales Promotions, A.O. Smith Water Products Co., Dept. CN, P.O. Box 28 Kankakee, Illinois 60901. Telex: 72-3443.

INSULATING JACKET ZIPS ON HOT WATER TANKS -- The patented "Iniflex Insulating Jacket" is a custom-designed, zipper-operated covering for hot water tanks in manufacturing plants, hotels, hospitals, and schools. The energy-saving jacket is said to be easy to install, eliminating costly in-plant installation and labor and painting costs. It is removable and re-usable. Made of either flame-retardant polyurethane foam or fiberglass in a vinyl cover, the jacket is UL approved. Prices range from $400 to $1,500. WRITE: Francois Reizine, Pres., F.R. Industries, Inc., Dept. CN, 557 Long Rd., Pittsburgh, Pennsylvania 15235 U.S.A. Telex: 86-6719.

VANDAL-RESISTANT, ALL-PURPOSE DRINKING FOUNTAIN -- This firm's all-purpose "Model APF-3501 Drinking Fountain" is convenient for both pedestrians and wheelchair users. Vandal-resistant and attractive, it is said to be an excellent choice for such high-usage areas as parks, recreation facilities, airports and terminals, shopping centers and the commons area of office complexes. The chrome-plated brass bubbler is locked to the stainless steel receptor and the bubbler features automatic flow regulation. A freeze-proof valve is available as an option. The 913 mm-high pedestal is composed of colorful river stones and aggregate. The fountain costs between $100 and $600. WRITE: Arthur Swenson, Pres., Stern-Williams Co., Dept. CN, P.O. Box 8004, Shawnee Mission, Kansas, 66208 U.S.A. Telex: 43-4372 WU PUBTLX KSC.

TIGHT SHUT-OFF PLUG VALVE -- This firm's "Wedgeplug Valve" will interest manufacturers of pipeline block valves and developers of oil refineries, chemical plants, airport fueling facilities and tanker services. Designed for operation where tight shut-off applications are required, the plug features a fast-operating lift action with low torque. No lubricants are needed, so no foreign matter enters the valve to cause contamination. The screw-type operator rotates the plug 90o to open position and the metal-on-metal seats provide tighter shut-off than provided by other types of plugs, according to the firm. The plug may be operated by handwheel, worm gear, wrench, or electric, hydraulic or pneumatic actuators. The product is available in Class 150, 300, 600 and 900 with 40 and 70 percent and full port openings for high temperature and low pressure usage. WRITE: Elaine M. Phillips, Export Sales Mgr., Stockham Valves & Fittings, Dept. CN, Box 10326, Birmingham, Alabama 35202 U.S.A. TWX: 810-733-5545 STOCKHAM BHM.

FILTERS FOR KITCHEN ELIMINATE GREASE ACCUMULATION -- The "Kitchen-Guard Model A-20 Grease Filter" is designed to eliminate the accumulation of grease in commercial and institutional kitchens. Exhaust fans draw grease into the filters where special openings continually drain off the grease into collection troughs away from the grill. The filters are available in stainless steel, aluminum and in galvanized finish. They come in standard sizes or may be made to customer specifications. The filters may be cleaned with soap and water. The products meet ASHRAE and UL specifications. Agents and distributors are sought. WRITE: Leon Schwartz, Vice Pres., Aircon Filters, Dept. CN, 437 Green St., Philadelphia, Pennsylvania 19125 U.S.A. Telex: 84-5291.

PREFABRICATED MINING TIMBERS -- Underground mining industries can use this firm's mining timbers for shaft sets or tunneling. Made of West Coast Douglas fir, stock is cut to length, drilled, angle cut, notched, and sized to customer specifications. The prefabricated sizes and lengths eliminate trim loss and reduce freight costs, the firm states. Agent inquiries are invited for this timber which sells for $200 to $1,800/MBF. WRITE: Red Anderson, Vice Pres., Bracut International, Dept. CN, P.O. Drawer 4779, Arcata, California 95521 U.S.A.

NO-WELD RAILING SYSTEM IS STRONG AND EASY TO INSTALL -- "Interna-Rail," a corrosion-resistant railing system for architectural use, features set-screw and wedge-cam construction said to enable on-site assembly of flush design railings. No welding is necessary because the wedge action requires only a hex wrench to lock the pipe firmly in place. Because the fitting is inside, the outside has a smooth, uninterrupted appearance which allows the system to be used in industrial and commercial facilities. These aluminum and magnesium railings are said to exceed U.S. standards for load-bearing. Agents and distributors are sought for the $5.00 to $20.00/30 cm custom-order rail and stanchion system. WRITE: D.A. Bogart, Export Mgr., The Hollaender Mfg. Co., Dept. CN, P.O. Box 42381, Cincinnati, Ohio 45242 U.S.A. Telex: 21-2072. Cable: RALBO.

POST-AND-BEAM BUILDING WITH SUPERIOR INSULATION - A major feature of the "Timberpeg Post-and-Beam Structure" is said to be its superior insulation system which is uninterrupted by studs. The design has no load-bearing interior partitions to restrict the designer, and the attractive timber frame can be left exposed, according to the firm. A building can be erected comparatively rapidly it is said, because all joinery in the frame is precision-precut. The price of these structures, which are recommended for homes, condominiums, and small office buildings, ranges from $5,000 to $65,000. WRITE: Richard Neroni, Gen. Mgr., Timberpeg, Dept. CN, P.O. Box 1500, Claremont, New Hampshire 03743 U.S.A.

ATTRACTIVE PANEL DEADENS SOUND -- "Sound Ab Sorb" is a fabric-covered fiberglass panel which can be fastened or hung from ceilings, walls, and file cabinets. Designed to reduce the noise level and reverberation in offices, public buildings, factories, and airports, it can be made in many sizes and colors to complement any color scheme or architectural design. Panels carry a Class A fire rating, according to the firm, and sell for $5/.46 m2. Agents are sought. WRITE: Arthur Schmidt, Pres., DASCO International, Dept. CN, P.O. Box 332, Ringwood, New Jersey 07456 U.S.A. Telex: 31-7441.

ENERGY-SAVING MIST CURES CONCRETE BLOCKS -- The "Concure Mist Curing System" uses a cold water mist instead of steam to cure concrete blocks at yearly savings in excess of 75 percent of the costs of steam curing, the company says. Manufacturers of concrete blocks will find that the system equipment usually pays for itself in a few months, due to the high energy-saving characteristics of the product, according to the company, which seeks agents, distributors, and licensees for the system which is priced from $15,000 to $20,000. WRITE: Tom Foster, Pres., ConCure, Inc., Dept. CN, P.O. Box 7897, Marietta, Georgia 30065 U.S.A.

TOOL FOR DRILLING HOLES IN PIPE AND TUBING -- "The Hole Thing Tool" is a fixture for cutting holes up to 11.25 cm in pipe or tubing, including stainless steel pipe. Clean holes can be made without drill twist, according to the company. The tool has secure grounding features, an insulated handle, and can reduce drilling time. Using it for on-site fabrication is said to save wear and tear on cup hole saws and to allow a free hand for lubricating. End users are well drillers, refinery construction companies, and fire sprinkler installers. Agents are desired for this tool which is priced from $450 to $600. WRITE: John M. Porzio, Jr., Vice Pres., Sales, Fend Industries, Inc., Dept. CN, 117-B East Northwest Highway, Barrington, Illinois 60010 U.S.A.

GENERATOR FOR POWER AND WATER -- This company's "Energy Recovery System" is a self-contained, preassembled unit which provides electrical power, and fresh and chilled water. It works from a diesel generator and draws on water from either well or sea sources. The system is said to be unique in that it is energy balanced with maximum utilization of waste heat and because its design means lower start-up costs and ease for multi-unit configurations. End-users include hydroponic farms, hospitals, hotels, airports, office complexes and military installations. The price ranges from $95,000 to $250,000. WRITE: James R. Brennan, Pres., Dow-Warner, Inc., Dept. CN, P.O. Box 161108, Miami, Florida 33116 U.S.A. Telex: 51-5569 Cable: DOWARN.

FIRE-RETARDANT SEALANT PROTECTS WOOD BUILDING PRODUCTS -- Building contractors and managers of agricultural warehouses and fabricated housing plants can use "Break/Flame II," a nontoxic, water-based interior fire retardant for lumber, plywood, cellulosic insulation, and building papers. This noncorrosive, odorless, biodegradable Class 1 fire retardant has virtually no smoke generation or toxicity and has passed ASTM E 160-80, the firm states. Easily applied at building site or in the factory, this product is designed for use on roof trusses, floor joists, heat plenum returns, and interior wall assemblies. The company seeks agents, distributors, and direct sales for this product priced from $12 to $14/3.8 liters. WRITE: Paul Cloud, Pres., Notus Corp., Dept. CN, 310 First Ave., S., Ste. 200, Seattle, Washington 98104 U.S.A. Telex: 32-0281. Cable: SEATREE.

LIGHTWEIGHT, SPRING-ASSISTED LOADING RAMP -- "Pick-up-Pal" is a non-mechanical, spring-assisted loading ramp that is said to require little or no maintenance. It can be mounted on a pick-up truck, trailer, or inside a van to make loading or unloading cargo very easy. Recreational vehicles or animals can be quickly driven up on the ramp for loading. It is very durable and is said to support weights up to 67.5 kg. Fourteen models are available priced from $500 to $700 each. The company is seeking contacts with agents, distributors, and retail stores. WRITE: Anthony A. Maher, Pres., National Manufacturing Co., Dept. CN, P.O. Box 3268, 250 W. 36th St., Boise, Idaho 83703 U.S.A.

BATHTUB FEATURES TELEPHONE AND STEREO -- Highlights of the "BathWomb" include a telephone and stereo system, control panel, all-brass Cyclo- Jets, PillowMassage, headrest, acoustic canopy, fold-away tray, compartment for grooming aids, and facial mist. The whirlpool bath comes in more than 55 colors and 13 trim finishes to match any decorating scheme. It also features all-copper pre-engineered manifold systems. The price ranges from $6,000 to $9,000 and includes warranty and wood crating. The company seeks agents, distributors, and representatives. WRITE: Dennis D. D'Amore, Exec. Vice Pres., Water Jet Corp., Dept. CN, 8431 Canoga Ave., Canoga Park, California 91304 U.S.A. Telex: 18-2334 WATER JET CNPK.

FIRE-RETARDANT SEALANT PROTECTS WOOD BUILDING PRODUCTS -- Building contractors, agricultural warehouse namagers, and fabricated housing plants can use "Break/Flame II," a nontoxic, water-based interior fire retardant for lumber, plywood, cellulosic insulation, and building papers. This noncorrosive, odorless, biodegradable Class 1 fire retardant has virtually no smoke generation or toxicity and has passed ASTM E 160-80, the firm states. Easily applied on building site or in the factory, this product is designed for use on roof trusses, floor joists, heat plenum returns, and interior wall assemblies. The company seeks agents, distributors, and direct sales for this product priced from $12 to $14/3.8 liters. WRITE: Paul Cloud, Pres., Notus Corp., Dept. CN, 310 First Ave., S., Ste. 200, Seattle, Washington 98104 U.S.A. Telex: 32-0281. Cable: SEATREE.

GRADE ROBOT -- The "Trak-Rat" is a remote-control grade robot designed for installation in front of any sewer laser, in the trench being excavated. This gives the excavator operator an illuminated view of the laser reading, while providing continuous reading to him as well. It features safety, increased production, time and material savings because a grade worker is unnecessary. "Trak-Rat" can be used for sanitary sewers, storm sewers, or by any utility contractor. The firm is seeking agents for this $5,000 to $6,000 machine. WRITE: Jim C. Simmons, Pres., Simmons Tool, Dept. CN, 202 Centennial Villa, Apt. C, Henrietta, Texas 76365 U.S.A.

LOW-COST CONSTRUCTION PACKAGE -- The "Rapid Economical Construction System (R.E.C.S.)" is a set of building materials for the construction of single family homes, motels, shopping centers, schools and other facilities. "R.E.C.S." includes engineered structural steel components, wall and roof components, and Dynacrete, a patented product used to reduce the amount of cement required. This product is said to save 50 percent in construction time, labor and other materials. With "R.E.C.S.," unskilled labor can construct homes that are energy efficient, fireproof, termite proof, mildew proof, and dry rot proof. "R.E.C.S." is said to exceed all building code requirements in the U.S.A. and other countries. It also has been approved by the Federal Housing Authority and Veterans Administration. This product is available to engineers and builders at costs ranging from $2,900 to $6,900. WRITE: William Mann, Exec. Vice Pres., Rapid Economical Construction System, Dept. CN, 3510 Biscayne Blvd. Ste. 203, Miami, Florida 33137 U.S.A. Telex: 51-4165.

EXTERIOR PANELING -- Easily installed by carpenters, "Sanspray Natural Stone Panels" are said to offer the beauty of stone at a fraction of the cost. The maintenance-free panels consist of a durable finish of epoxy and natural stone on plywood or cement board substrates. Recommended for most types of buildings, including schools, hospitals, multi-family housing, and modular units, they cost from $1.25 to $2 FOB factory. Agents and distributors are sought. WRITE: Chuck Johnson, Vice Pres. of Sales, Sanspray Corp., Dept. CN, 630 Martin Ave., Santa Clara, California 95050 U.S.A. Telex: 17-6921 SANSPRAY CAL.

HAND RAIL AND WALL PROTECTION -- The "Balco DP/VR-3" is a combination hand and bumper rail with a complete handgrip for greater safety. The design features smooth depressions, front and back, for the thumb and fingers, along with flat textured surfaces to provide support for the entire hand. Molded of high-impact, textured PVC, the rail is bacteria free and requires virtually no maintenance. Agents are sought for this product, which is available in 25 colors. WRITE: Jorge Andreo, Natl. Sales Mgr., Balco, Inc., Dept. CN, 2626 S. Sheridan, Wichita, Kansas 67217 U.S.A. Telex: 23-200 SASAS.

EASY ROOF REPAIR -- "Acrysyl" is a patent-pending three-stage acrylic/silicate coating system for repairing roofs. The stages are a primer containing an ultraviolet barrier, a foundation including a fire retardant, and a finish acting as a heat and sun shield. Said to provide 100 percent protection from the elements, the water-based, safe, and easy-to-use coatings are applied by brush, roller, or airless spray to roofing and siding. The components form a leakproof membrane said to save up to 20 percent in energy costs. WRITE: J. J. Mahler, Export Mgr., Acrysyl International Corp., Dept. CN, Export Dept., P.O. Box 457, Reading, Pennsylvania 19603 U.S.A. Cable: ACRYSYL READING PENNSYLVANIA.

NEW INSULATION FILM -- "Valvac Hiqh Enerqy Coated Window Film" incorporates multi-layer coatings of copper, stainless steel, or titanium to give high light transmission from the inside and a soft, subtle appearance from the outside. Priced from $.50 to $.80/.09 m2, this film offers the same warm weather heat rejection and cold weather heat retention as darker traditional aluminized films, according to the firm. WRITE: Roger S. Greene, Mgr., Mktg. Services, Madico, Inc., Dept. CN, 64 Industrial Pkwy., P.O. Box 4023, Woburn, Massachusetts 01888 U.S.A. Telex: 443-0083.

RESIDENTIAL FRAMING -- "Rayframe" for modular home building features prefabricated steel framing while maintaining the design flexibility and aesthetic quality of conventional construction, according to the firm. Prefabricated for bolted field assembly, the system features a variety of roof styles and materials, suspended or vaulted ceilings, and panelized or field constructed wall systems. Agents are sought for "Rayframe," which costs from $5 to $7/.09 m2. WRITE: Ray Rodriguez, Pres., Raymond Frame, Inc., Dept. CN, 5870 Hwy. 6 N., Ste. 108, Houston, Texas 77084 U.S.A.

FLEXIBLE BUILDING SYSTEM — "Thermaloc" is a flexible, quality building system that can be economically shipped in sections and quickly assembled at the construction site. This pre-assembled wall system features high thermal performance and a low-maintenance white cedar exterior. Agents and distributors are sought for this building system, which costs from $20,000 to $100,000. WRITE: Robert Kinney, Vice Pres., Town & Country Log Homes Co., Dept. CN, 4772 U.S. 131 S., Petoskey, Michigan 49770 U.S.A.

COMFORTABLE ROCKING THEATRE SEAT — This firm's popular "Rocking Chair" model provides comfortable seating in cinemas, theaters, and sports arenas. Features include a silent, trouble-free rocker spring, an extra high full width back, and smooth back and seat travel with positive up and down stops. The price ranges from $30 to $200. Direct factory sales to end-users and contractors, as well as distributor inquiries, are sought. WRITE: Charles L. Morgan, Export Sales Mgr., Irwin Seating Co., Dept. CN, P.O. Box 2429, Grand Rapids, Michigan 49501 U.S.A. Telex: 22-6422. Cable: IRWIN SEAT.

SQUARE MESH FIBERGLASS GRATING — For use in severe corrosive areas where electrical nonconductivity is vital, "Protectolite Fiberglass Grating" is lightweight, resiliant, nonmagnetic, and maintenance free. Available in safety yellow with an optional skid resistant surface, the grating can be cut with hand tools and installed quickly. Standard panel width is 1.2 m, length 3.6 m, and thickness of the bearing bar 2.54 to 3.8 cm. Uses include walkways, platforms, floors, pit covers, grills, and guards for equipment. WRITE: William J. Tuxhorn, Dir. of Intl. Mktg., McNichols Co., Dept. CN, 5501 W. Gray St., Tampa, Florida 33609 U.S.A. Telex: 52706.

COATING OFFERS THREE-WAY PROTECTION — "Tri-Cote" is a three-in-one fireproofing, insulation, and sound control product for spraying on all common construction materials, including metal, wood, concrete, and wallboard. It expands, bends, and contracts with any building movement and can be sprayed to full desired thickness in one application. This nontoxic, asbestos-free, flexible, monolithic coating costs $315/drum and $10.50/bag. Agents are sought. WRITE: Terry Blaycock, Sales Rep., Tri-Cote Enterprises, Dept. CN, P.O. Box 9682, Little Rock, Arkansas 72219 U.S.A. Telex: 53-6433. Cable: AIDC-LRK.

WASTEWATER DISPOSAL SYSTEM — The "Eljen In-Drain On-Site Wastewater Disposal System" is designed to provide on-site wastewater disposal at a lower cost than conventional leach fields, according to its producer. As a result, it can be used for sites where there is limited space for a septic leach field, yet without requiring the use of an aggregate. Less space is needed for installation, which also can be accomplished at a greatly reduced price. Agents are sought for this system, which is said to function with a shorter trench area than usual and which can be used by developers of both commercial and residential buildings. WRITE: Joseph Glasser, Dir., Intl. Sales, Eljen Corp., Dept. CN, 15 Westwood Rd., Storrs, Connecticut 06268 U.S.A.

RUGGED MULTIPURPOSE FASTENER — Made of durable plastic designed to hold up to 30.7 kg/6.5 cm2, the "Poly-Lock" has many uses for home and recreation. The device features a unique locking mushroom-head pattern and is said to be twice as strong as Velcro. The manufacturer seeks distributors for this product, which costs from $2.25 to $3. WRITE: Tyler Peterson, Mktg. Dir., Consumer Care Products, Inc., Dept. CN, 6405 Paradise Lane, Sheboygan Falls, Wisconsin 53085 U.S.A.

Business and office

GAP-FREE PORTABLE EXHIBIT PANELS — "West Wall II" utilizes modular panels constructed of a lightweight core bonded between two sheets of plastic laminate for strength and rigidity. The panels are joined together with "Easy Connect" plastic connectors in a way that eliminates gaps and visible connectors. End users such as manufacturers, distributors, associations, and others interested in presenting exhibits can individualize them with messages painted, mounted, or silkscreened on the panels. The system can be shipped in protective cases sized as airline luggage. The price range is from $1,895 to $2,195. WRITE: Steven Prosser, Intl. Mktg. Dir., All West Display, Dept. CN, 2337 NW. York, Portland, Oregon 97210 U.S.A.

ELECTRONIC ENCODER FOR FINANCIAL APPLICATIONS — The "Micr-1" is described as an extremely accurate, easy-to-operate document encoder for banking and financial applications. The microprocessor-based machine is flexible and has 8 user-programmable function keys, a 16-character display, simple cartridge ribbon and DIN standard keyboard. Built around 5 modular assemblies, the unit is said to be simple and efficient to service. It shows clear error messages which call for proper operating procedures, and the batch encoder version includes a 24-character alphanumeric journal printer. The "Micr-1" is available with the E138 font. Other fonts are being developed. The unit is priced between $1,200 and $3,000 and its manufacturer seeks distributors or OEMs. WRITE: Richard Sturm, Vice Pres. of Sales, Maverick MicroSystems International, Dept. CN, 917 134th St. SW., Everett, Washington 98204 U.S.A. Telex: 75-9633.

INK PEN IS DURABLE AND THEFTPROOF — "Secure-A-Pen" is a permanently mounted pen unit that never has to be replaced, according to the firm. It is recommended for use in public facilities such as business offices, hotel lobbies, and libraries. Unlike other pen units, this product is designed to be theftproof because it can be secured with 3M tape or screwed to the counter. The set is made with stainless steel cable and heavy-duty aluminum that resists breaking and bending. Other features include a key- operated refilll and scratch-proof Lucite base. The pen is available in different styles, sizes, and personalized designs. The company is seeking distributors. WRITE: Ken Swartz, Pres., New England Security, Dept. CN, 804 Broadway, P.O. Box 248, Raynham, Massachusetts 02767 U.S.A.

LOW-COST MICROFICHE READER — The "Eye Com 3000" features a full-size, 279 X 356 mm screen and a dual lens magnification option. Lenses are available for reading 21x, 24x, 42x, and 48x microfiche. The unit has a slim 29-mm base and an optical system that produces a sharp, brilliant image using an energy-saving 25-W lamp. The reader is 432 mm high and weighs 5.9 kg. Distributors are sought for this product, which costs from $225 to $293. WRITE: Russell J. Burkel, Pres., Eye Communication Systems, Inc., Dept. CN, 117 Hill St., Hartland, Wisconsin 53029 U.S.A. Telex: 499-1317.

CONVENIENT MICROFILMER ENDORSER INK ROLLER — The new "Daktran Ink Roller" is designed for banks that have an accessory on their microfilmer which endorses and cancels checks. This customer-installed supply item, which costs from $20 to $25, returns a markup of 70 percent or more on cost, requires a small inventory, and has quick turnover, according to the firm, which is offering wholesale distributorships. WRITE: Steven J. Penisten, Mktg. Dir., Daktran Co., Dept. CN, P.O. Box 84222, Sioux Falls, South Dakota 57118 U.S.A.

PRE-INKED DATE & TIME STAMPS — Unlike other daters, which require pads or ink from bottles, the permanently inked "Schwaab Dater and Time Stamp" gives up to 50,000 impressions and is said to withstand heavy use. Dates can be easily changed by a twist of the dial. This product sells for $49.50. WRITE: William Zahn, Vice Pres., Sales & Mktg., Schwaab, Inc., Dept. CN, 11415 W. Burleigh St., P.O. Box 26069, Milwaukee, Wisconsin 53226-0069 U.S.A.

Chemical and petrochemical

EASY-CARE HAIR CONDITIONER -- Makers of hair and skin care products will be interested in "Jordaquat Dimer 18," an additive for hair conditioners and creme rinses which reduces static electricity, and makes hair soft, manageable and full of body. Derived from stearyl dimethylamine, its long alkyl chain chemistry gives hair, according to the firm, an exceptionally luxurious and healthy feel. Reported to be more economical than conventional formulas, "Jordaquat Dimer 18" also is said to show extremely low levels of eye and skin irritation and to give an excellent feel to the skin when combined in cremes and lotions for skin care. The firm seeks agents for this product which is priced at 1.75/.45 kg. WRITE: Kevin M. Scanlon, Exec. Vice Pres., Jordan Chemical Co., Dept. CN, 1830 Columbia Ave., Folcroft, Pennsylvania 19032 U.S.A. Telex: 84-5325.

SCALE/RUST REMOVER -- This firm's "Scalesolve A-Series" compounds are formulated to remove calcium deposits and rust, grime, and scum from interior and exterior surfaces of heat-exchangers and other equipment. Non-corrosive, non-toxic, non-irritating, and biodegradable, the safe metal cleaner costs from $.89 to $1.99/.45 kg. Agents are sought worldwide. WRITE: David Abadi, Pres., Descale-It Products Co., Dept. CN, P.0. Box 2425, Tucson, Arizona 85702 U.S.A. Telex: 16-5582 COSCO TUC.

PETROLEUM PRODUCT TEMPERATURE MEASUREMENT -- The "AvTemp-20" is a portable instrument that averages the temperature of up to 20 different levels or data points in petroleum or chemical product tanks. Accurate to within +.2o C, it can be used in refineries, tank farms, pipelines, barges, and ships. Also useful in custody transfer, inventory control, and calibration of existing temperature gauges, the device has a temperature stabilization feature. Licensees and distributors are sought for this product, which costs from $975 to $1,022. WRITE: Ronald Isaacson, Pres., Precision Gaging, Inc., Dept. CN, 1 Winnipeg Court, Morganville, New Jersey 07751 U.S.A. Telex: 697-4213.

NEW OXIDE REMOVER -- A unique new chemical for inexpensive and safe removal of oxides, scales, and deposits at low temperatures, "Nutek-75" is said to be particularly effective in removing iron oxides from a variety of metals, non-metal surfaces, and synthetics. This neutral, non-toxic, non-corrosive, biodegradable chemical is described as cost effective and is priced from $2.50 to $3/3.8 liters. WRITE: T. F. D'Muhala, Pres., Nutek, Dept. CN, P.0. Box 1, Rt. 85, Amston, Connecticut 06231 U.S.A.

PLUGGING KIT STOPS HAZARDOUS LEAKS -- The "Type E Hazardous Material Leak Plugging Kit" contains a variety of unusual plugs, patches, and implements for temporary repair of pipes, tanks, or containers leaking dangerous materials. The kit can plug holes of various configurations and diameters up to 20 cm. Stocking distributors are sought for this product, which costs from $350 to $400. WRITE: David E. Edwards, Pres., Edwards & Cromwell Manufacturing, Inc., Dept. CN, 16016 Perkins Rd., Baton Rouge, Louisiana 70810 U.S.A.

NEW POLYURETHANE FOAM ABSORBS IMPACT ENERGY — Available in four thicknesses, "Confor" is an open-celled, medium-density polyurethane foam that conforms gently to compression, absorbs 85 percent of impact energy, and has slow recovery from defection. It is used for seating and special packaging, and recommended for orthopedic and prosthetic applications, as it allows even weight distribution, which permits unrestricted blood circulation. The price ranges from $1.25 to $1.45/BF. The company seeks representation. WRITE: Robert Prybutok, Dir., Sales & Mktg., Specialty Composites Corp., Dept. CN, 650 Dawson Dr., Delaware Industrial Park, Newark, Delaware 19713 U.S.A. Telex: 83-5386.

SUPERABSORBENT CARBON -- Poisons, toxic chemicals, and other impurities can be absorbed by "Super-A Activated Carbon," said to be the only available carbon capable of absorbing molecules larger than its pore diameter. In addition, this product is available with surface areas four to six times greater than other carbons, and, due to its absorption capabilities, has medical applications as an oral antidote for poisons. Agents are sought for this product, which costs from $7 to $10/.45 kg. WRITE: Jack F. Georgal, New Prod. Mgr., Anderson Development Co., Dept. CN, 1415 E. Michigan St., Adrian, Michigan 49221 U.S.A. TWX: 510-450-2890. Telex: 510-450-2890. Target: [2] [3] [5] [6]

PUMP FOR CORROSIVE LIQUIDS -- The leak-proof, explosion-proof "Sandpiper Pump" is a new, non-metallic air diaphragm pump which is constructed of glass-filled polypropylene to resist corrosive substances. The pump is said to maintain more uniform temperatures in the liquids being pumped than comparable steel pumps, and is lightweight and weather- and age-resistant. The price ranges from $1,400 to $2,000. WRITE: James H. Paulino, Vice Pres., Valsan International Corp., Dept. CN, 254 W. 54th St., 16th Floor, New York, New York 10019 U.S.A. Telex: 42-4733. Cable: COVALSAN.

CHEMICAL CORROSION AND SCALE INHIBITOR -- Oil and gas well operators and refinery personnel can use the "JC 5150 Corrosion and Scale Inhibitor" to prevent metal corrosion in oil and gas wells and prevent scale buildup on pipes. This product is a special mix of filming amines and phosphonates which, if used regularly, can eliminate the need to squeeze an oil well. Agents are sought for this chemical, which sells for $8.95/3.8 liters. WRITE: Najib H. Zaid, Pres., JaCam Chemical Co., Inc., Dept. CN, 213 E. Monroe, Sterling, Kansas 67579 U.S.A. Target: [2] [3] [6]

Communication

PUBLIC TELEPHONE OPERATES BY CHARGE CARD -- The "CR-1 Charge Card Telephone" is operated by charge card or security card instead of coins. Charge cards such as American Express and Barclays, or a telephone company subscriber card can be used. This feature is said to offer convenience to the international traveler, eliminate coin collection, and reduce vandalism. The microprocessor-controlled unit can be programmed to allow emergency calls, directory assistance, and repair reports without a charge card. Featuring stainless steel construction and a capacity for future expansion, it is recommended by the firm to telephone companies, telecommunications posts, the military, and large companies. The price ranges from $650 to $900. Distributor inquiries are requested. WRITE: Thomas Garner, Vice Pres., Intl., Phillips & Brooks, Inc., Dept. CN, P.O. Box 267, Cumming, Georgia 30130 U.S.A. Telex: 80-4468.

COMPACT UNIT ENHANCES OPERATION OF TERMINALS, COMPUTERS -- The "Equinox DSS-1 Data PBX" is said to connect terminals and computers to form the hub of a local area network of minicomputers such as DEC or HP 3000. Less than one-sixth the size of conventional port selectors, the DSS-1 provides the capability to switch terminals among computers, allows terminals to contend for ports, and offers network control with access security, according to the firm. From 24 to 1,320 terminals and ports can be connected at up to 9,600 bps, it is said, at a cost of $8,800 plus $75 per line. The equipment ranges in price from $10,000 to $100,000, depending on the level of sophistication ordered. Distributors are sought. WRITE: Steve Brambach, Equinox Systems Inc., Dept. CN, 12041 SW. 144 St., Miami, Florida 33186 U.S.A. Telex: 28-9307.

PACKET SWITCHING FOR INTERNATIONAL NETWORKS -- The OEM equipment market will be interested in this firm's "Net 25 Series" which offers network management and control, high performance packet switching and terminal access facilities to private CCITT X.25 networks. The "Net 25" hardware is based on a 68000 programmable multiprocessor system adapted for high performance data communications. Features include comprehensive network facilities to control, configure, monitor and diagnose network operations; a family of packet switching nodes ranging in performance form 100 to 800 (128 byte) switched packet/sec. with trunk channel speeds up to 72 Kbps; terminal access facilities providing asynchronous X.3/X.28/X.29/PADs and synchronous 3270 DSP support. Program development tools include an MC 68000 assembler, and PASCAL and C languages. The package is offered at $70,000. WRITE: Thomas M. Washnock, Product Mgr., Telematics Intl. Inc., Dept. CN, 1415 NW. 62nd St., Fort Lauderdale, Florida 33309 U.S.A. Telex: 510-955-4177.

PORTABLE AUDIO TELECONFERENCING -- The "Communicator" is said to be the world's only fully portable, fully duplex low cost audio teleconferencing system that enables a group of any size to hold a meeting with another group or person over a single phone line. There are no permanent wires to install, and it is simple to operate. As shown in the accompanying photo, each participant uses a hands-free wireless receiver with individual volume control which allows freedom of movement and precise communications.

Also shown is the base unit which transmits the incoming signal throughout the room by invisible lightwaves. This system is priced from $1,100 to $2,000. WRITE: Joseph McGuire, Sales Coordinator, UNEX Division Controlonics Corp., Dept. CN, 5 Lyberty Way, Westford, Massachusetts 01886 U.S.A. Telex: 6231-9650.

TELECOMMUNICATION PROTECTOR — The compact "SNC-TIF" (Telecommunication Interference Filter) is designed to solve such problems as false rings, signaling malfunctions, noisy circuits, unexplainable electronic equipment failure or damage, and electrical hazards. This filter does not require maintenance or external power, is simple, reliable, and provides DC continuity. Frequent applications are found in PBX trunks and OPXs key system lines, alarm circuits, data modems, subscriber lines, telemetering circuits, teletype circuits, radio pickups, video pairs and facsimile lines. "TIFs" are available for treating 2-100 pairs and come with standard 25 pair jacks for easy connection into the telephone network. WRITE: Ronald O. Stearns, Vice Pres., Mkg., SNC International, Inc., Dept. CN, 101 Waukau Ave., Oshkosh, Wisconsin 54901 U.S.A. Telex: 910-266-1066.

VOICE CHANNEL CONVERTER — Satellite communications users will be interested in the "ESC Multiplexer Model 2059-1" for conversion of voice channels into a multiplexed composite spectrum that is connected to an external baseband combiner for communication with distant satellite earth stations. This modular unit provides space and cost savings for ESC equipment in earth stations. Agents and distributors are sought for this 8.9- x 24.8- x 2.54-cm unit which is priced at $1,085. WRITE: Robert F. Barnack, Pres., Potomac Marine & Aviation, Inc., Dept. CN, 3508 Lee Hwy., Arlington, Virginia 22207 U.S.A. Telex: 44-0052 PMAIUSA.

SATELLITE COMMUNICATIONS FACILITATOR — The modular, low-cost "ESC Demultiplexer Model 2060-1," designed for users of satellite communications, uses the latest state-of-the-art technology to take a composite 4-8 kHz P1 and 8-12 kHz P2 channel from an external baseband separator and convert it into two separate voice channels. These separate channels can then be extended to ESC switching equipment to create a full system approach. The "Demultiplexer" provides the below baseband ESC voice channels required in the INTELSAT system for system maintenance and supervision. The unit is priced at $1,085, and agents and distributors are sought. WRITE: Robert F. Barnack, Pres., Potomac Marine & Aviation, Inc., 3508 Lee Hwy., Arlington, Virginia 22207 U.S.A. Telex: 44-0052 PMAIUSA.

VOICE INTERCEPT SYSTEM — The "NCIS/RD (Number Change Intercept System/Ring Detect)" is a solid state automated voice intercept and response system that advises subscribers of new telephone number listings and changed number information. This compact, easy-to-install system is said to provide faster, more reliable subscriber service with less wait time and more customer calls handled per hour than other systems. Agents are sought for this product. WRITE: E. J. Gushue, Vice Pres., Intl. Operations, Cognitronics Corp., Dept. CN, 25 Crescent St., Stamford, Connecticut 06906 U.S.A. TWXII: 710-474-3523.

INFRARED TRANSMISSION SYSTEM — As an alternative to microwave, cable, telephone lines, and fiber optics, this firm's "ALS829-T1" provides short range, secure, high speed, and license-free data transmission. The optical infrared system transmits T1 signals (1.544 Mb/s, 24 data and voice channels) through the air to a maximum of 2.41 km. The full duplex system includes two transmitters, two receivers, and two T1 interface boxes. The system transmits T1 signals from a multiplexer or other source for use in local networks. Agents are sought for this product which is priced at $15,400. WRITE: Lorraine Shallenberger, Mktg. Mgr., American Laser Systems, Inc., Dept. CN, 106 Fowler Rd., Goleta, California 93117 U.S.A. Telex: 494-1760 ALS.

COST-EFFECTIVE OFFICE COMMUNICATION SYSTEM — Said to be extremely cost-effective for small businesses, the "Innovator II" is a reliable office communication system that expands in five station increments utilizing distributed control. The system's most popular features include automatic call back, conferencing, call forwarding, call transfer, camp on, consultation hold, do-not-disturb/ROH indication, paging, trunk answer from any station, and automatic station release. The system is priced from $3,000. WRITE: Goi Holliday, Intl. Mktg. Adm., Tone Commander System, Inc., Dept. CN, 4320 150th Ave., NE., Redmond, Washington 98052 U.S.A. Telex: 15-2246.

NETWORK ANALYZER — The "Autoscope" is a multifunction data communications diagnostic and performance analysis device. It combines in one instrument capacity to monitor and interpret line activity, automatically detect line and protocol errors, monitor performance and provide graphic statistical analyses, and emulate any element of the network. Designed for easy use, the device does not require user programming or expert protocol knowledge. The price ranges from $7,500 to $16,000. WRITE: Dan Pocek, Dir., Intl. Mktg., Telenex Corp., Dept. CN, 502 Pleasant Valley Ave., Moorestown, New Jersey 08057 U.S.A.

COMPACT PAGING TERMINAL — The "Datus 100" easy-to-use paging terminal is designed primarily for private, in-house paging systems with access through Touch Tone phones. It can accommodate up to 90 tone and voice individually called pagers and up to 9 groups of 10 pagers. Measuring 17.8 x 21.3 cm, the device fits easily in the space of a telephone and plugs into the nearest electrical outlet for power. Agents are sought for this $695 product. WRITE: Michael L. Sutton, Sales Mgr., Reach Electronics, Inc., Dept. CN, P.O. Box 308, 1600 W. 13th St., Lexington, Nebraska 68850 U.S.A. TWX: 910-960-4741. Cable: REACHELEX.

PAGING RECEIVER — The "VIP II Pager" is a tone and voice paging receiver designed to increase productivity and save time. This pocket pager features a tough Lexan case, volume control, reset switch, belt clip, superior audio, and lifeguard battery saving circuit. Available in 148-174 mHz frequencies, the pager is priced at $319. Options include 10-, 20-, and 30-sec timeouts, group call, and vibrator and tone alert memory. WRITE: Michael L. Sutton, Sales Mgr., Reach Electronics, Inc., Dept. CN, P.O. Box 308, 1600 W. 13th St., Lexington, Nebraska 68850 U.S.A. TWX: 910-960-4741. CABLE: REACHELEX.

COMPLETE COMMUNICATIONS SYSTEM — A complete modern telecommunications system, the "American Datacom 401" features unattended operation, automatic dial and redial, superior word processing, expanding memory, and complete broadcast and receive capabilities. The terminal offers quiet, compact, desktop operation as well as a 24-line CRT display, detachable keyboard, and choice of printers. The price ranges from $1,000 to $6,000. WRITE: James J. Woods, CEO, American Datacom, Dept. CN, 16931 Milliken Ave., Irvine, California 92714 U.S.A. Telex: 68-5667.

STANDARDIZED TELEMETRY SYSTEM — The "RAMAC 800" is a compact standardized telemetry system for radio or hardwire transmission of automatic control, alarm, and level signals between a reservoir or any central point, and remote pumps. This off-the-shelf package controls two to four devices without complex application engineering and includes modular plug-in control relays, a submersible piezo-resistive level sensor and installation kit. A set of two costs $8,500. WRITE: George E. Ede, Pres., Electronic Devices & Engineering. Co., Dept. CN, P.O. Box 1872, Palm Springs, California 92263 U.S.A.

VISUAL TELEPHONE SIGNAL — Plugged into a wall outlet and attached to the telephone, the "Ring Indicator" flashes any lamp the user chooses. It features a lamp on-and-off switch, 100-W lamp capability, and a suction cup for easy installation. This UL-approved, self-standing unit is recommended for deaf or hearing impaired people. The price is $16.95. WRITE: Joceline Brunelle, Sales Admin., American Communication Co., Dept. CN, 180 Roberts St., East Hartford, Connecticut 06108 U.S.A.

MODULAR MICROWAVE AMPLIFIER — Available in capacities covering a frequency range from 0.5 to 18 GHz in wide bands of octaves, the "GaAs FET Amplifier" provides special small-signal, low-noise, medium power output in rugged housing. This $3,500 device can be delivered in 90 days upon receipt of order and export license, the firm states. WRITE: Sally Wilcox, Export Admin., Western Microwave, Inc., Dept. CN, 1271 Reamwood Ave., Sunnyvale, California 94089 U.S.A. Telex: 910-339-9219.

ACCURATE GPS TIMING RECEIVER — Used by the U.S. National Bureau of Standards, the "TTR-5" provides timing to 5 nanoseconds and frequency synchronization to 3 parts in 1014. This precision receiver uses the Navstar satellites for international transfer and has sub meter relative positioning capability. Features include RS-232C communications and printer ports, automatic operation via schedule, fail-safe memory protection, equipment fault reporting, and receiver stability better than one nano second. Customers and distributors are sought for this $25,000 system. WRITE: Frank J. Lynch, Dir. of Mktg., Allen Osborne Associates, Dept. CN, 756 Lakefield Rd., Bldg. J, Westlake Village, California 91361 U.S.A. TWX: 910- 494-1710.

SOLID STATE RADIOTELEPHONE/TELETYPE — The new 1000-W "COM 5200KW" is shown in its optional "Mission" configuration, a complete, transportable HF communication station. Features include error-corrected teletype ("Sitor"), signal path analysis, word processing package, 99-file storage capacity, and unattended message reception. The $35,000 system can be deployed in five minutes and can communicate anywhere in the world, the firm states. WRITE: T. Stevenson, Sales Mgr., Intech, Inc., Dept. CN, 282 Brokaw Rd., Santa Clara, California 95050 U.S.A.

SET TESTS TELEPHONE LINE CARDS — For $25,000, telephone companies can purchase "Atlas," a test set designed to check the general operation of line cards at their digital central offices. Agents, distributors, and licensees are sought for this unit, which is said to be unique and capable of paying for itself in less than one year. WRITE: Jim Pfab, Gen. Mgr., Advance Systems, Dept. CN, 1050 E. Flamingo Rd., Ste. 155, Las Vegas, Nevada 89109 U.S.A.

LIGHTWEIGHT TRANSCEIVER — The "HF-SSB Manpack Transceiver" is a 4.7-kg device which features four crystal-controlled 20-W channels and a built-in noise blanker that reduces static and ignition noise produced by most vehicles. Agents are sought for this $966 product, which can be customized according to user specifications. The Ni-Cad battery pack is included. WRITE: Joe Redwine, Communications Sales Mgr., Ten-Tec, Inc., Dept. CN, P.O. Box 438, Hwy. 411 E., Sevierville, Tennessee 37862 U.S.A. Telex: 26- 1337.

TELEPHONE BILLING SYSTEM — The "Alston LOBOS (Local Office Billing Operation System)" can be added to other equipment in electromechanical central offices to provide detailed billing information for local, national and international calls. It is available to most Step by Step and Crossbar exchanges and costs $25/line. Another advantage of LOBOS, according to the firm, is that it eliminates the need for meter pulse drivers and

meter pulse registers in exchanges. WRITE: Edgar Benditsky, Dir., Intl. Sales, Conrac Corp., Alston Div., Dept. CN, 1724 S. Mountain Ave., Duarte, California 91010 U.S.A. Telex: 67-5328.

AUTOMATIC TELEPHONE INTERCEPT SYSTEM — Telephone companies can use "Alice," a voice announcement system, to inform callers of changed telephone numbers. The system can service an entire metropolitan area from one centralized location. Priced from $25,000 to $75,000, the system is claimed to pay for itself in less than a year. Agents, distributors, and licensees are sought. WRITE: Jim Pfab, Gen. Mgr., Advance Systems, Dept. CN, 1050 E. Flamingo Rd., Ste. 155 , Las Vegas, Nevada 89109 U.S.A.

COMPREHENSIVE NETWORK CONTROL SYSTEM — This network controller features very high-speed 90-millisecond command/control functions and a memory bank from which analog/digital mode commands can be chosen. The "Omega I Digital Control Unit" is microprocessor-based, and its large control capacity allows for future enhancements through the addition of another module. Front-mounted pushbutton switches and/or keypad selection control the unit. Built-in diagnostics are designed to make servicing easy. This system costs from $3,600 to $8,000. WRITE: Nelson D. Maier, Intl. Sales Mgr., Quintron Corp., Dept. CN, P.O. Box 3726, One Quintron Way, Quincy, Illinois 62305 U.S.A. Telex: 40-4330.

DESKTOP TERMINAL FOR TELECONFERENCES — "Dial-Up" and "Meet-Me" conferences can be established with the "Westel C1050" six-port desktop audio teleconference terminal. It accepts five two-wire telephone lines and a telephone, or C10, C1000 conference telephones for conference set-up. Installation is easily accomplished by plugging the lines into a RJ11 jack and connecting it to a 120-VAC power source. Additional capabilities can be provided with a supplied interconnect cable. Agents are sought for this $2,500 device. WRITE: Ken Bird, Dir. of Mktg., Westell Inc., Dept. CN, 7630 Quincy St., Willowbrook, Illinois 60521 U.S.A. Telex: 28-0626.

UNIT VERIFIES TELEPHONE INSTALLATION — A telephone installer using the "910 Automatic Number Announcer" can dial a special access number to hear a voice announcement of the number associated with the newly installed telephone set, thereby verifying proper installation. This single-channel, $1,000 unit can be mounted in an area offering only 4.4 cm of rack space, making it desirable for small offices. Agents, distributors, and licensees are sought. WRITE: Jim Pfab, Gen. Mgr., Advance Systems, Dept. CN, 1050 E. Flamingo Rd., Ste. 155, Las Vegas, Nevada 89109 U.S.A.

VERSATILE ROUTING DEVICE — The "Multi- Switch X.25 Model 12" can be used as a routing device to switch data from one X.25 compatible trunk to any other compatible trunk. Up to twelve X.25 trunks can be handled by the "Multi-Switch" at speeds up to 64 kbps. Agents are desired for this device, which costs from $13,000 to $23,000. WRITE: Jerome Bayol, Intl. Sales Mgr., Dynapac, Dept. CN, 6464 General Green Way, Alexandria, Virginia 22312 U.S.A. Telex: 90-1760. Target: [4] [5] [6] [8]

PHONE HEADSET FREES HANDS — The "Nady TH-15 Telephone Headset" permits office workers and other frequent telephone users to talk on the phone while keeping their hands free for other tasks. Priced from $15 to $20, the lightweight, comfortable headset features volume control, a headset-to-handset switch, and a mute switch. Agents, distributors, and retailers are sought for this product, said to increase overall telephone efficiency by 51 percent. WRITE: Leon Brenner, Mktg. Dir., Nady Systems, Inc., Dept. CN, 1145 65th St., Oakland, California 94608 U.S.A. Telex: 47-0747. Cable: NADYOAK.

COMMUNICATIONS SYSTEM HAS MULTIPLE FUNCTIONS — Word processing, typing, and telex functions can be performed by the "Henriksen Data Systems VTR-2000." The workstation features new multi-tasking firmware which allows the operation of several functions simultaneously, so that telexes can be sent without interrupting typing or word processing. Distributors and agents are sought for this product, which is compatible with most PTTs and costs between $2,000 and $2,500. WRITE: Ronald L. Barrett, Sr., Vice Pres., Intl. Mktg., Henriksen Data Systems, Inc., Dept. CN, 12325 W. 52nd Ave., Wheat Ridge, Colorado 80033 U.S.A. Telex: 45-0062 HENRIKSEN DVR. Target: [1] [2] [3] [4] [5] [6] [7] [8]

MOBILE AMPLIFIER CHARGER FOR GE MPI PORTABLE — The "CP-V Mobile Amplifier Charger" features a 40-W VHF and 20-W UHF RF power amplifier for increasing the power of two-way radio connections. With remote microphone and 5-W audio amplifier, it is the smallest self-contained portable unit on the market, according to the firm. The size is 17.8 x 17.8 x 7 cm and weight 1.8 kg. Agents, end users, and distributors are sought. WRITE: David Gilden, Vice Pres., Sales, R. F. Gain, Ltd., Dept. CN, 116 S. Long Beach Rd., Rockville Centre, New York 11570 U.S.A. Telex: 685-2380.

UNIQUE ELECTRONIC MAIL DIRECTORY — The "FAX/NET Electronic Mail Directory" provides complete information on 3,000 stations in 65 countries that send or receive documents by electronic mail with FAX telecopy machines. Any two-dimensional document, including charts, blueprints, and drawings, can be transmitted instantly around the world for less than Telex and air couriers, according to the firm, which seeks distributors for this directory, priced between $49.50 and $78. WRITE: M. B. Lasky, Vice Pres., Perimeter, Inc., Dept. CN, 12 S. 6th St., P.O. Box 27222, Minneapolis, Minnesota 55427 U.S.A. TWX: 910-350-6146. FAX: 612-564-0660. Target: [2] [8]

LINE TESTER SERVES DIGITAL, ANALOG SWITCHES — The "XLT" is a stand-alone, mechanized subscriber line test system for telephone companies and is designed to interface with any switch, including digitals with remotes and line concentrators. The unit's patented measurement technology allows even unskilled operators to detect and characterize faults in an exchange, cable plant, and station equipment. The price ranges from $11,000 to $20,000. WRITE: Elwood Spedden, Natl. Sales Mgr., Teradyne Telecommunications Div., Dept. CN, 1405 Lake Cook Rd., Deerfield, Illinois 60015 U.S.A. Telex: 910-692-2102. Target: [8].

PORTABLE TERMINAL FOR ELECTRONIC MAIL — The "PortaLink" telecommunications terminal connects to any telephone line for all electronic mail applications. Recommended for Telex, remote computing, data access, and order entry, the terminal features a full-sized keyboard, 8K off-line edit memory, easy-to-read display, automatic answer, dial, and log-on, with alphanumeric paging. Available with a printer, the terminal costs between $300 and $900. WRITE: Clive J. Stevens, Vice Pres., Mktg., Krown Communications, Dept. CN, 6300 Arizona Circle, Los Angeles, California 90045 U.S.A. Telex: 88-7369.

Computers and peripherals

MASTER WALL TERMINAL FOR TRAINING, MULTIPLE USERS — The modular "Quantum Plasma Wall Terminal" is designed for large audiences and long distance viewing. It is said to be suitable for use as a passenger information display in transportation terminals, a TV network feed grid, display for election results or fire control centers, for advertising, training, warehouse control and similar uses. With a viewing angle exceeding 145o, this terminal is available in any combination of one row of 20 characters up to 4,000 characters, according to the company. The unit hooks into most computer systems through a standard RS232 connection. Thin and lightweight, the wall terminal features neon orange characters on a dark background in 2.54-cm dot matrix alphanumerics. Prices start at $1,000. WRITE: K.C. Kennedy, Pres., Quantum Electronics, Inc., Dept. CN, RD 4, Box 6AAA, Lewistown, Pennsylvania 17044 U.S.A. Telex: 84-2540.

COMPUTER PROGRAM EDUCATES, ENTERTAINS CHILDREN — "My Letters, Numbers and Words" is a software program designed to help children 1 to 6 years old to learn numbers and word concepts. Included in the program is an alphabet routine, a number routine, and a word routine. The program differs from other programs, it is said, because it employs graphics to provide amusement and positive reinforcement. Words are presented with animated illustrations that help infants to identify objects and school children to spell. A program can be operated on the IBM-PC, PCST, PC jr, Compaq, and Columbia microcomputers. It is recommended by the firm for schools and home educational use. The price is $39.50. Agents are sought. WRITE: Viveca Stone, Intl. Sales Mgr., Stone and Associates, Dept. CN, 7910 Ivanhoe Ave., Ste. 319, La Jolla, California 92037 U.S.A. Telex: 38-3456.

UNIT INCREASES CAPABILITY OF MULTI-USER COMPUTERS — The "Model 5218B Port Contention Multiport" increases computer range, it is said, without requiring expensive hardware or software modification. The port contender can easily be reconfigured to match nearly any needed combination. The model, in which 12 terminals can contend for 6 ports, is easy to connect to RS232C terminals and computers. Messages are sent in plain English, and the port contender will translate for terminals using different baud rates, word sizes, and parity than the computer does. The company claims high quality and performance and comparably low cost, $1,750, for this model. It also offers other port contenders of smaller size and says options are available for all models. WRITE: E.J. Bean, Adv. Dir., Bay Technical Associates, Dept. CN, P.O. Box 387, Hwy. 603, Bay St. Louis, Mississippi 39520 U.S.A. Telex: 910-333-1618 BAYTECH.

LOW VOLTAGE DC POWER SUPPLY — Manufacturers of computers, peripherals and telecommunications equipment will be interested in the "Model HTAA-16W Open Frame DC Power Supply," which is said to provide low voltage d.c. power for electronic circuits and products. The unit meets recognized international safety standards and features 100/120/230-240 volts of alternating current input at 47-63 Hz, according to the company. This model is one of more than 80 manufactured by this company, which reports that all models utilize industry-standard packages and are designed to operate over the wide range of a.c. power sources found worldwide. The featured model is priced at $41.87 to distributors. Agents and distributors are sought. WRITE: Craig Johnson, Pres., International Power, Dept. CN, 350 N. Lantana, Ste. 710, Camarillo, California 93010 U.S.A.

SYSTEM COPIES DISKETTES — The "Flex Diskette Format/Copy System copies 20-, 13-, and 9-cm diskettes automatically. It features format analysis and entry which can be done automatically or manually. User control of four quality parameters allows duplicated diskettes to perform on the greatest number of end-user systems. One base station controls up to 30 duplication slaves, which simultaneously duplicate diskettes. Throughput can be easily expanded by adding slave units. In addition, a modem provides communication between field units and service depot for operation and field repaid assistance. The Flex System is available from $40,000 to $80,000 to diskette manufacturers, software publishsers, and duplication services. WRITE: Ken Blattner, Mgr., World Trad, DI World Trade Corp., Dept. CN, Box 26344 Park Station, Minneapolis, Minnesota 55426 U.S.A. Telex: 70-9426.

FILE AND MAILING LIST MANAGER FOR MICROCOMPUTERS — The "CataList" file and mailing list manager is described as a software package ideally suited to process United Kingdom, European, and Canadian addresses, mail codes, and address titles. Besides handling mailings, the product is designed to invoice "ship-to" and "bill-to" files and categorize collections and inventories, Operating on the IBM-PC, PCXT, PC jr and Compaq microcomputers, the package interacts with 13 of the most popular word processors on the market and with more than 30 different printers, according to the company. Retail pricing begins with $195 for the IBM-PC version. Dealers and distributors are sought. WRITE: Viveca Stone, Intl. Sales Mgr., Stone and Associates, Dept. CN, 7910 Ivanhoe Ave., Ste. 319, La Jolla, California 92037 U.S.A. Telex: 38-3456 COMPEXCO LJ.

CONTROLLER ENHANCES ACTION OF IBM-PC COMPUTER — The "ZT 1444 GPIB Controller" enables engineers, scientists and others to control measurement, instrumentation, and test equipment with the IBM-PC. Described as the fastest device on the market, the controller is designed to permit data to be transmitted or received from other hardware at more than 450 kbytes/sec, using DMA, and to allow the attachment of 15 devices at once. The apparatus is composed of a short-slot card, an EMI steel back plate, and software drivers. Its software package is available in Basic, Compiled Basic, Pascal, C and Assembly language. The controller is priced at $415. WRITE: Ron Giovannelli, Order Processing Mgr., Ziatech Corp., Dept. CN, 3433 Roberto Ct., San Luis Obispo, California 93401 U.S.A. ITT: 499-2316.

COPPER-BASED ALLOY STRIP FOR ELECTRONIC CONNECTORS — Manufacturers of electronic connectors and I.C. sockets will be interested in "Pfinodal UNS 72900 Strip." This copper-based alloy is said to have an excellent strength-to-formability ratio, high elastic limit, and exceptional stress relaxation performance at high temperatures. The strips are produced by wrought powder metallurgy for use as contacts in electronic connectors, including microelectronic connectors. This product, priced at $10-$12/.45 kg, is available in age-hardenable and mill-hardened tempers, in strips from .075 mm to 1 mm gauges, and up to 300 mm in width. WRITE: James T. Nawracay, Mgr., Intl., Specialty Metals Sales Devel., Pfizer, Inc., MPM Div., Dept. CN, P.O. Box 5848, Wallingford, Connecticut 06492 U.S.A. Telex: 96-3511.

COMPUTER GRAPHICS PACKAGE FOR BUSINESS PRESENTATIONS — "Executive Picture Show," a graphics package for the IBM-PC and other compatible computers offers users the opportunity to create logical presentations drawing from virtually hundreds of illustrations, charts and graphs. It provides 9 colors, 8 fonts with the capacity to include user-designed styles, capability for creating animations and custom viewer-interactive slide shows. The package's prices range from $85 to $245. Distributors are sought. WRITE: Gary Piserchio, Dir., Mktg. Sales, PC Software, Dept. CN, 9120 Gramercy Dr., Ste. 416, San Diego, California 92123 U.S.A. Telex: 62-753-535.

ELECTRONIC METER READER REDUCES OPERATING COSTS — The "Enterprise 2000 Automated Meter Reading System" links the utility company's data processing center with the meter reader who collects the data by using the system's hand-held microprocessor. The data is then transmitted to the host computer via the system's minicomputer. Suitable for metering electric, water, and gas services, the "Enterprise 2000" software package provides comprehensive management reports for analyzing meter reader productivity and facilitating customer billing. Distributors are sought for this complete system, with turnkey applications. WRITE: J.L. Etter, Vice Pres., Intl. Sales, Porta-Printer Systems, Inc., Dept. CN, P.O. Box 40215, St. Petersburg, Florida 33743 U.S.A. ITT: 44-1692.

NON-TECHNICAL SOFTWARE DESIGNED FOR NOVICES — The "Personal Pearl" relational data base management package is designed for novice business and professional users. Described as easy to learn and use, with extremely powerful data base, the package interfaces with word-processing and spreadsheet software. This product is said to allow users to create forms and reports and to specify the interaction between them. The company reports that the software fits the IBM-PC and other compatible microcomputers with 256K, PC-DOS, MS-DOS, or CP/M-86 operating systems. The "Personal Pearl" is priced at $295, and the firm seeks distributors, agents, and licensees. WRITE: Ray Stow, Dir., Intl. Mktg., Pearlsoft, Inc., Dept. CN, P.O. Box 638, Wilsonville, Oregon 97070 U.S.A. Telex: 75-7466 A/B PEARLSOFT WLSV.

COMPUTER SUBSYSTEM INCORPORATES STREAMING TAPE — The "Model MD4260 Storage Subsystem" is a compact, high-performance Winchester subsystem incorporating streaming tape back-up. State-of-the-art 13,34-cm form factor drives integrate a 40-Mbyte fixed Winchester disk drive and a high-capacity 60 Mbyte streaming cartridge tape drive in a compact desk top enclosure, according to the firm. Designed for use with DEC RT-11 and RSX11M operating systems, this model features DEC RL01/RL02 disk and DEC TSV05 tape emulation and compatibility with LSI-11, LSI-11/2, LSI-11/23, and LSI-11/73. This model is said to be low in cost and available in other configurations with removable media or half-height Winchester drives. The firm seeks large scale distributors. WRITE: Angelo J. Bartolotta, Product Dir., Rojerand International, Ltd., Dept. CN, 300 Wheeler Rd., Hauppauge, New York 11788 U.S.A. Telex: 22-1552 and 23-8667.

UNIT BOOSTS IBM-PC CAPABILITY -- The "Micro Plus" unit is said to make any IBM-PC as powerful as a 3278/9 terminal. The product, combined with a 3278/9 "emulation package" which includes hardware and software, facilitates a high-performance intelligent work station said to be able to up- and down-load data at 50 bits/sec, process the data, and store it on a disk. Suitable for business and advertising firms, banks, brokerages, and government offices, the "Micro Plus" is priced from $895 to $995. WRITE: Jon Hayden, Sales Mgr., Henricks Technologies, Inc., Dept. CN, 156 Fifth Ave., Ste. 737, New York, New York 10010-7002 U.S.A. Telex: 96-8886.

ENHANCEMENT BOARD FOR IBM-PC -- The "UltraPAK" integrated expansion board for IBM-PCs combines the following in a single PC expansion slot: high resolution monchrome graphcis, 132-column text display capability, parallel and serial communications, clock and calendar, optional 383 K system memory expansion or floppy disk controller. The product also offers Lotus 1-2-3 graphics and 132-column spreadsheet. The firm seeks distributors, retail dealers and corporate accounts. The "UltraPak" list price is $680. WRITE: Joseph E. Bentzel, Gen. Sales Mgr., Tseng Laboratories, Inc., Dept. CN, 205 Pheasant Run, Newtown, Pennsylvania 18940. Telex: 70-5179.

ORIGINAL SOFTWARE INDEX SYSTEM -- Established distributors, computer manufacturers and system houses are sought to promote and sell the "MSIS" software indexing system. The "MSIS" brings minicomputer and mainframe access throughput to personal computers and multi-user micros. The unique property of "MSIS" is said to be that, regardless of the number of data base keys or key size or data base size, at no time will more than one disk seek to be required for retrieval of data. The "MSIS" is portable and can be installed on any computer. Any program or data base management system which relies on calls to a modular indexing program can use the "MSIS." In many cases, it is said, existing applications can easily be upgraded with the product. Interfaces are available for PASCAL, COBOL, FORTRAN-77, PL-1, PROLOG, and FORTH. Standard operating environments include DEC VAX/VMS, UNIX, Z-80/CPM, 80X86/UNIX, MSDOS, CPM-86, 680X0/UNIX and AT&T WE3200/UNIX. WRITE: Don Pilipovich, Mktg. Dir., Cyberfile Data Systems, Dept. CN, 18739 Hatteras, #54, Tarzana, California 91356 U.S.A.

HIGHLY PORTABLE PROCEDURE LANGUAGE -- "cENGLISH" is a fully-featured fourth generation procedure language interfaces with syntax similar to dBASE II. It is said to offer unprecedented portability in providing user-transparent interfaces to a variety of C compilers, operating systems, and data base managers while remaining independent of them. The company says that all this is accomplished without requiring the user to know one line of the C computer language. Designed for software developers and end-users who require portability for runtime libraries, "cENGLISH" permits the development of powerful software capable of running on a wide range of hardware, including micros, minis and mainframes. Product prices range from $795 to $10,000, depending on the porting system needed. WRITE: John Grey, Vice Pres., Mktg., cLINE, Inc., Dept. CN, 20 West Ontario, Chicago, Illinois 60610-3809 U.S.A. Telex: 51-6315.

MULTILINGUAL WORD PROCESSING SYSTEM -- International corporations, banks, governments, publishers, or any business needing native language word processing capability will be interested in the "ML*WP," an advanced function, multi-lingual word processing system that permits users to produce documents in any language or combination of languages. The prompts, help and error messages, and all system interfaces are also in the user's choice of language. This system operates on a complete line of Digital Equipment Corp. Vax processors and is applicable to single-user systems or systems which support hundreds of users. The firm is seeking agents for this product which is priced from $10,000 to $150,000. WRITE: Robert Orr, Vice Pres., Mktg., Compulex, Inc., Dept. CN, 256 Market St., Lowell, Massachusetts 01852 U.S.A.

QUALITY, LOW-COST DISK DRIVE -- The "Winchester Disk Drive" is a durable, low-cost, 40 megabyte, half-height (13,335 cm) model. Operating on 16 W, the machine features 85 milliseconds average access time with a standard ST506/412 interface. Another feature is the Tulin plated media which offer higher data density with better reliability. One hundred percent functionally tested for consistent performance, the "Winchester" also has a self-checking diagnostic monitor for all critical drive functions. Additional capacity is provided by a read/write preamp for better signal-to-noise ratio and better protection from RF interference. Other features include a microprocessor control and track flowing servo to ensure on-track intregity and dual mounts for one or two drives. The firm is seeking agents for the "Winchester," which is available with a one year warranty for $825. WRITE: Andrew E. Pietkiewicz, Pres., Rojerand Intl., Ltd., Dept. CN, 300 Wheeler Road, Hauppauge, New York 11788 U.S.A. Telex: 22-1552.

VERSATILE VIDEO CARD -- The "MultiView 80/160 Card" is an "intelligent" video card that provides the Apple II+ and //e computers with seven display sizes. Operated by a video timing signal from the computer, "Multiview" is said to display a stable, crisp picture. A 12 MHz monitor is used to display 80 to 160 easily read characters on a single line. Standard features are underlined, bold, inverse, and normal characters. Other features include stretched screens for greater readability and one to five prompt lines per screen. With the use of optional preboots, the spreadsheet, data base and integrated programs can be used on the screen sizes. The "Multiview" sells for

$349.95. The firm is seeking agents and distributors. WRITE: Andrew P. Niemic, Pres., Checkmate Technology, Inc. Dept. CN, 509 South Rockford Dr., Tempe, Arizona 85281-3021 U.S.A.

ADAPTABLE COMPILER WITH OPTIONS -- The "ADA Compiler" is a software program designed for advanced engineering development. Created in "ADA," the new computer language required by the U.S. Department of Defense, this program was developed for the Hewlett Packard Series 200 computer. It is also compatible without program modification, with a growing number of mini-, micro- and mainframe computers. Another feature is a set of compiler options such as tasking and generics. In addition, the "ADA Compiler" creates an object code that runs at real time speed. Minimum system requirements for operation of this program include the HP200, Pascal 2.0 operating system, floppy disk, 5 megabyte hard disk and printer. This product is priced at $7500.00. WRITE: Clarice E. Cady, Pres., Solutions Plus, Dept. CN, P.O. Box 8893, 1425 Riverside, Fort Collins, Colorado 80525 U.S.A.

FULL-FEATURE OPERATOR'S TERMINAL -- Said to be a direct replacement for the Honeywell W1001 or W1006 operator's terminal, this firm's "Model OPT-1000 Operator's Terminal" is a full featured terminal for use in a building automation system. It features micro-design, LCD display, single keystroke point, and group advance and is available in wall mount, desktop, or portable models. This terminal incorporates standard off-the-shelf microprocessor parts for reliability and fast, cost-effective repair and upkeep. Contact the manufacturer for the price of this product. WRITE: Gregory E. Powers, Intl. Sales Mgr., Electronic Systems USA, Inc., Dept. CN, 1014 E. Broadway, Louisville, Kentucky 40204 U.S.A. Telex: 910-350-0105 ESUSA.

CIRCUIT BOARD SET FOR IBM-PC -- The "Quam 1016 and Quam 1017" are "The Two Board Set" of printed circuit boards that contain complete electronic functions for an IBM-PC computer with expansion to 256 K RAM. One feature of the "1016" is a floppy disk adapter which can support either 360 K or 1.2 Mbyte capacity drives. Another feature, the CPU, has a specially designed ROM BIOS which provides compatibility with IBM-PC DOS, Rev. 3.0, MS-DOS, CP/M and Concurrent CP/M. Included in the "1017" are memory and peripheral adapters which provide full IBM software and functional compatibility, and adapters for a monochrome display and a parallel printer. This low cost product is recommended for volume OEM, manufacturers, and system integrators. WRITE: Larry Blethen, Mgr., Quam Corp., Dept. CN, 900 W. 128th, Ste. 208, Burnsville, Minnesota 55337 U.S.A. Telex: 910-576-2754.

FAST CARD READER ADAPTS TO IBM-PC -- The "CR-200 PC" is said to be the first non-IBM card reader with specially designed software which permits it to operate as a batch oriented peripheral for the IBM-PC. It is a 200 card/minute, 80 column desk top unit, which includes casework, a patented vacuum pick mechanism, electronics and a RS232C ASC11 asynchronous serial. Priced at $6,500, the "CR-200 PC" is recommended for use in manufacturering, warehouses, educational testing, payroll and in military installations. WRITE: Robert Swartz, Pres., Cardamation Co., Dept. CN, 446 Lancaster Ave., P.O. Box 835, Frazer, Pennsylvania 19355 U.S.A. Telex: 85-3216.

ECONOMICAL, ACCURATE ANALOG -- The "Model 02 Intelligent Interface" is an easy-to-use 32 channel analog that converts any type of analog input into Serial ASC11 economically and accurately. It scans all 32 inputs and 2 setpoints per channel every 2 seconds, while transmitting data at an adjustable rate from 50 to 19.2 K baud. Signal conditioning is built in for any input type, including all thermocouples and RTD's. Operators may program each channel individually for input type and setpoints through a plug-in keyboard or from a remote terminal. A 32 character digital display shows all points and acts as a prompter while programming. In addition, RS 232 and current loop interface is provided. This equipment can be applied for process control, and research power generating, and in the petrochemicals industry. It costs $3,200. WRITE: Jeff Gibbs, Sales Mgr., Molytek, Inc. Dept. CN, 2419 Smallman St., Pittsburgh, Pennsylvania 15222 U.S.A. Telex: 81-2569.

SOFTWARE MAINTAINS INVENTORIES -- "EMCO+" is a software package for online management of equipment and repair inventories. It maintains purchase and order inventories, as well as receipt, disbursements and cost history for budgeting purposes. Documentation is user-friendly on this system, which is designed for English, French and Cobol. With this package, a manufacturer's equipment and real properties can be maintained according to the original specifications. Also, the "EMCO's" versatility allows it to be installed on a Stratus turnkey system or the IBM-370 mainframe computer. This product is recommended to large manufacturers for $200,000. WRITE: Raymond J. De Ceunynck, Pres., PACYCU Inc., Dept. CN, 1912 Concord Ct., Simi Valley, California 93065 U.S.A.

UNIT BOOSTS IBM-PC CAPABILITY -- The "Micro Plus" unit is said to make any IBM-PC as powerful as a 3278/9 terminal. The product, combined with a 3278/9 "emulation package" which includes hardware and software, facilitates a high-performance intelligent work station said to be able to up- and down-load data at 50,000 bits/sec, process the data, and store it on a disk. Suitable for business and advertsing firms, banks, brokerages, and government offices, the "Micro Plus" is priced from $895 to $995. WRITE: Jon Hayden, Sales Mgr., Henricks Technologies, Inc., Dept. CN, 156 Fifth Ave., Ste. 737, New York, New York 10010-7002 U.S.A. Telex: 96-8886.

SAFE POWER SOURCE FOR COMPUTERS -- The "BrickHouse 5," said to be safe, sturdy and inexpensive, is an in-line battery power source for CMOS board level computers. Depending on the model, this power source provides up to 40 ampere hours of battery-based 5 V power to systems that are compatible with STD bus, cimbus or multibus. This unit also features total isolation of the computer from line power and no "switchover" time that can cause data loss or computer damage. Another option is the availability of line frequencines from 50 Hz to 400 Hz and line voltages to 240 V. Auxiliary power options of +12 V and +15 V are available with this unit, too, which seels from $500 to $900. WRITE: John Dolan, Vice Pres., Mktg., Orbic Corp., Dept. CN, 5625 Kearny Villa Rd., San Diego, California 92123 U.S.A.

EFFECTIVE ANTISTATIC DEVICE FOR COMPUTERS -- The "Static Buster" is a antistatic neutralizer developed to protect micro- and minicomputer owners and operators against static. This device is said to lessen service needs and to extend the life of equipment by its capability to dissipate more than 20,000 V in less than two seconds as it continuously dissipates electrostatic discharge. It eliminates such problems as alteration of memory, head crashes, loss of program data, and erroneous data input/output. In addition, complete systems failures from zapped components, video scramble, and wipe out, as well as eyestrain from dust buildup, are also eliminated. Containing no moving parts or batteries, the "Static Buster" can be installed in minutes. The passive grounding system does not allow backcharge. The firm is seeking distributors for this 56.7-g product which measures 6.35 x 8.89 x 3.81 cm and costs from $17.98 to $45.95. WRITE: Marvin Helfer, Pres., Advance Marketing Concepts, Inc., Dept. CN, 19301 Ventura Blvd., #200, Tarzana, California 91356.

MULTIFUNCTION BOARD FOR COMPUTER EXPANSION -- The "Multimem 500" is a full-length, multifunction IBM PC/XT compatible board for computer memory and capability expansion. It features serial port, parallel port, game port, a clock/calendar, and 0 to 512 K memory (in 64 K increments). The memory address may be set between 0 and 1 megabyte. All I/O port cables exit through a single rear slot cover. This firm is actively seeking dealers, distributors, licensees and low-cost manufacturers for this product that is priced at $220 each in quantities of 1,000. WRITE: Cliff Griffin, Gen. Mgr., Electro Design, Inc., Dept. CN, 690 Rancheros Dr., San Marcos, California 92069 U.S.A.

WIDE-ANGLE DATA DISPLAY TERMINAL -- This firm's "Plasma Teledisplay Terminal" is a modular, flat-panel information display board for the transportation, and communications industries, banks, stock exchanges, utilities and manufacturing plants. Providing high legibility and wide-angle viewing at distances up to 35 m, its modular design allows the user to select the size of the boards to display up to 24 lines of infromation with up to 80 alphanumeric characters/line. All boards are said to meet international standards and are compatible with most computers and communication systems throughout the world. The firm is actively seeking agents and distributors for this product which is priced to $88,000. WRITE: Richard E. Seifert, Dir. of Product Planning, Telegenix, Inc., Dept. CN, 25 Olney Ave., Cherry Hill, New Jersey 08003-1656 U.S.A. Telex: 685-1048.

PC EXPANSION CHASSIS -- The "Multi-PC" is a general purpose 8-slot expansion chassis that transforms an IBM-PC or XT into the equivalent of four completely operational PCs. Employing an innovative hardware and software time-sharing technique, the device allows each of its four users to run existing PC-DOS programs, including graphics, and share their data in a secure, protected manner. Agents are sought for this $1,695 product. WRITE: Andrew E. Pietkiewicz, Pres., American Advanced Technology, Ltd., Dept. CN, P.O. Box 11012, Hauppauge, New York 11788 U.S.A. Telex: 22-1552 RILNY.

NEW EIGHT-PEN PLOTTER -- The "ZETA 824 CS" eight-pen plotter uses both single-sheet and continuous roll media in widths up to 62 cm to generate hard copy graphics. This plotter supports ISO sizes A4, A3, A2, and A1, achieves 2 g acceleration with a speed of 63 cm in any direction, and has a resolution of 0.025 mm. Appropriate pens come with this plotter, which is priced from $12,000 to $14,500. WRITE: Dominique P. Goupil, Intl. Product Mgr., Nicolet Computer Graphics Div., Dept. CN, 777 Arnold Dr., Martinez, California 94553 U.S.A. Telex: 910-481-5951.

LOW-COST CROSS DEVELOPMENT TOOL -- This firm's "Microprocessor Assembler" is designed to provide a simple means of developing new products based on microprocessors. Running on the host Unix computer, it produces assembler code for the target microprocessor. Priced from $600 to $12,000, this instrument is said to allow for the easy detection and inexpensive correction of software problems. WRITE: George M. Tyler, Mktg. Mgr., Unidot, Inc., Dept. CN, 602 Park Point Dr., #225, Golden, Colorado 80401 U.S.A. RCA: 29-6621.

COMPACT DEVICE REDIRECTS PRINTER PAPER -- This high-impact polystyrene "Paper Catcher" redirects the fanfold paper output of the computer printer and stacks it neatly on a tray on top of the printer. Requiring no additional table space, the 80-column "Paper Catcher" is recommended for use on IBM Graphics, Epson, Okidata, Radio Shack, and other flat-top printers. Agents and distributors are sought for this $16 device. WRITE: James P. Higdon, Vice Pres., Hudo, Inc., Dept. CN, 2103 Plantside Dr., Louisville, Kentucky 40299 U.S.A. Telex: 910-997-6792.

HIGH-PERFORMANCE DISC DRIVE -- The "Dart-130" includes a high-performance LINEAR actuator with 18 ms average positioning time and the ability to locate the heads on a radial line, insuring the highest data margins and reliability. This system storage for both internal and external hi-end micro and mini computers features sputtered thin film metallic media, microprocessor-controlled electronics, modified tri-bit high-performance servo system, advanced proprietary R/W electronics, dedicated head-landing zone, automatic spindle, and carriage locking. Agents are sought for this $2,900 product. WRITE: Andrew E. Pietkiewicz, Pres., Rojerand International, Ltd., Dept. CN, 300 Wheeler Rd., Hauppauge, New York 11788 U.S.A. Telex: 22-1552.

PROGRAMMABLE INPUT DEVICE -- The "Keyport 300" touch pad for the IBM-PC 300 has user-programmable keys for sending any sequence of characters, as if the user had typed them on the regular keyboard. Key functions can be labeled on the overlay sheets in any language or symbols, simplifying the use of the microcomputer for non-professionals. The firm seeks agents, distributors, and licensing agreements for this product, which is priced from $90 to $130. WRITE: Adel Danish, Vice Pres., R & D, Polytel Computer Products Corp., Dept. CN, 1250 Oakmead Pkwy., Ste. 310, Sunnyvale, California 94086 U.S.A. Telex: 55-9992.

COMPACT CARTRIDGE TAPE SYSTEM -- Developed for high-capacity data storage, the "MiniStream-30" features QIC24/50 recording formats, QIC-36/59 interfaces, SCSI interface, 60-145 MB storage capacities, and streaming and start-stop capability, all in true 5-1/4-in (13.3-cm), half-height form factor. Used for file or image backup, program load, transaction logging, and program or data acquisition, this versatile system costs from $600 to $700. Distributors and OEMs are sought. WRITE: Andrew E. Pietkiewicz, Pres., Rojerand International, Ltd., Dept. CN, 300 Wheeler Rd., Hauppauge, New York 11788 U.S.A. Telex: 22-1552.

CONVENIENT PROGRAMMABLE CONVERTER PERMITS INTERFACE -- This firm's "PCT-100 Programmable Communications Translator" is a user-programmable, in-line serial communications protocol and data converter. Designed to provide quick, low-cost solutions for system integrators trying to interface incompatible equipment, it can convert speeds, word format, and manipulate data at the string, byte, or bit levels. Distributors and licensed OEMs are sought for this $495 converter. WRITE: Richard W. Vesel, Pres., Method Systems, Inc., Dept. CN, 3511 Lost Nation Rd., Ste. 202, Willoughby, Ohio 44094 U.S.A.

HIGH-DENSITY FLOPPY DISK -- The "BDM/HC" is a 5-1/4-in (13.34 cm), 600 oersted double-sided, double-density flexible magnetic diskette with 96 TPI tested to 192 TPI. This product has the storage capacity of 1.6 MByte and is primarily designed to work on high-density drive equipment such as the IBM AT. Distributors are sought for this $4.25 product, now available for export. WRITE: Bob Ford, Mgr., Distribution Operations, Brown Disc Manufacturing, Inc., Dept. CN, 1110 Chapel Hills Dr., Colorado Springs, Colorado 80918 U.S.A. Telex: 45-0827.

PORTABLE WORKSTATION FOR NC PROGRAMMERS -- This firm's "Toolroom" allows programmers to type in NC programs, save and check them, add, edit, delete, upload, and download without standard punched NC (numerical control) paper tape. Features include a variety of subprograms in NC math functions, 20 x 4 character display, 32K memory with expansion capability, and an optional modem. Powered by 4 nickel-cadmium batteries with a recharger, the unit transmits and receives NC data from 110 to 4800 baud. Agents and importers are sought for this $1,995 computer. WRITE: Peter Fleck, Pres., Pioneer Trading Co., Ltd., Dept. CN, 1709 Spanish Circle, Ste. 509, Hurst, Texas 76053 U.S.A. Telex: 20-3941. Cable: PTRADCO.

THREE-DIMENSIONAL SONIC DIGITIZER -- Developed for use in computer-aided design and manufacturing, robotics, and medical applications, the "GP-8-3D" uses sound waves to determine the distance between a digitized point and four microphone sensors that are mounted on a plane. It provides positional location of 1 to 16 locaters within 3 m3 with resolution of .01 cm. The four resulting time measurements can be converted into X, Y, and Z Cartesian coordinates. WRITE: H. A. Cleveland, Vice Pres., Sales, Science Accessories Corp., Dept. CN, 970 Kings Hwy. W., Southport, Connecticut 06490 U.S.A. Telex: 96-4300.

WORD PROCESSOR INCLUDES BUSINESS LETTERS -- "Gold Letters Plus" is an easy-to-use word processor that comes with over 100 ready-to-print business letters. Designed for the IBM-PC and compatibles, it features double strike and underline, full screen editing, a dictionary, pop-up menus, mail merge, and label printing capability. The letters may be used with WordStar and other ASCII word processing software. Agents and distributors are sought for this $199.95 system. WRITE: Charley Verba, Pres., Misc PC Systems, Dept. CN, 1231 Paraiso Ave., Spring Valley, California 92077 U.S.A. Telex: 910-330-856.

POWERFUL STANDBY UPS UNIT -- Engineered to protect computer systems and critical data, the "GPS-2K126R Memorygard" provides four millisecond switching from the time power fails until the UPS mode is initiated. This 115-V, 60 cycle unit is also equipped with eight minutes of battery back-up time. Priced from $2,095 to $2,150, the system features standard modular parts for ease of maintenance and minimum replacement costs.

Agents are sought. WRITE: Mark Heyman, Product Mktg. Mgr., General Power Systems, Dept. CN, 1400 N. Baxter St., Anaheim, California 92806-1201 U.S.A. Telex: 18-2283.

ACCESS CONTROL TERMINAL PROTECTS COMPUTERS -- The "MultiSentry" is a rack-mounted access control terminal that protects multiport data systems or computer networks from unauthorized access by telephone. It is totally software independent and operates on the analog side of the modem, masking the modem tone from all but valid system users. Distributors and direct sales are sought for this device, which costs between $21,500 and $111,100. WRITE: Steven Sivitz, Dir., OEM Mktg., T.A.C.T. Technology, Dept. CN, 100 N. 20th St., Philadelphia, Pennsylvania 19103 U.S.A. Telex: 710-670-1955.

HIGH-CAPABILITY COMPUTER TERMINAL -- The $1,500 "Q300 Terminal" has been designed as a low-cost, high-capability terminal which offers 9600 baud transmission, internal parity checking, single-bit communications error detection and full screen editing. Its 30.48 cm screen features a 24 line by 80 character display, and the terminal also has 20 keys for host or user programs. Distributors are sought. WRITE: John F. Gorsek, Vice Pres., D & D Financial Enterprises, Inc., Dept. CN, 4595 Van Epps Rd., Brooklyn Heights, Ohio 44131 U.S.A. TWX: 810-421-8446.

COMMUNICATIONS SYSTEM HAS MULTIPLE FUNCTIONS -- Word processing, typing, and telex functions can be performed by the "Henriksen Data Systems VTR-2000." The workstation features new multi-tasking firmware which allows the operation of several functions simultaneously, so that telexes can be sent without interrupting typing or word processing. Distributors and agents are sought for this product, which is compatible with most PTTs and costs between $2,000 and $2,500. WRITE: Ronald L. Barrett, Sr., Vice Pres., Intl. Mktg., Henriksen Data Systems, Inc., Dept. CN, 12325 W. 52nd Ave., Wheat Ridge, Colorado 80033 U.S.A. Telex: 45-0062 HENRIKSEN DVR. Target: [1] [2] [3] [4] [5] [6] [7] [8]

CASINO GAMES FOR MACINTOSH COMPUTERS -- Detailed graphics and authentic odds make "Mac Vegas" a realistic casino game package for MacIntosh computer owners, claims this product's manufacturer. Poker, craps, keno, blackjack, baccarat, roulette, and slots are included, and "Mac Vegas" provides four sets of house rules for variety. Agents are sought for this game, which costs from $50 to $75. WRITE: Sales Dept., Videx, Inc., Dept. CN, 1105 NE. Circle Blvd, Corvallis, Oregon 97330 U.S.A. Telex: 46-9570.

TALKING COMPUTER FOR THE BLIND -- Designed for the blind by the blind, the "Total Talk PC" uses a synthetic voice to relay data appearing on the computer screen or entered via a keyboard. The speed of the voice can be adjusted from 45 to 720 words/min, and a built-in speed pad enables users to review data presented on the screen. The $8,400 system, based on the Hewlett Packard 150, is said to provide the blind with the same benefits sighted personal computer operators enjoy. Agents are sought. WRITE: Lisa DeFuso, Mktg. Mgr., Maryland Computer Services, Dept. CN, 2010 Rock Spring Rd., Forest Hill, Maryland 21050 U.S.A. Telex: 70-1440.

TELESCOPING SLIDE MEETS EUROPEAN STANDARDS -- The "CC3700 Thin Trak" is a thin telescoping slide which can be used to mount electronic components in a cabinet. This product is a "solid bearing" slide 4.78 mm thick with a load capacity of 38.56 kg/pair. Slides are available in lengths up to 762 mm, with special options available on request. This product's strength and thin design are said to make it compatible with existing European hardware standards for electronic packaging. WRITE: Harrison Crouch, Vice Pres., Chassis Trak Sales, General Devices Co., Dept. CN, P.O. Box 39100, 1410 S. Post Rd., Indianapolis, Indiana 46239 U.S.A. Telex: 27-2169.

POINT-OF-SALE INVENTORY CONTROL -- A complete inventory control system for the small or mid-sized retailer, the "ARBA System" uses an electronic cash register to communicate with a personal computer. Compatible with IBM-PC or -XT, the system can handle 25,000 inventory items in 99 departments and incorporate up to five cash registers. Described as easy-to-use, requiring little or no personnel retraining, the system costs from $1,800 to $2,500. Dealers and distributors are sought. WRITE: Sandra J. McLain, Exec. Vice Pres., Arba Retail Systems Corp., Dept. CN, One Oakbrook Terrace, Ste. 516, Oakbrook Terrace, Illinois 60181 U.S.A.

SOFTWARE ENSURES DATA SECURITY -- By choosing a key word or phrase, the user of "P/C Privacy" can protect many types of data, including graphics and binary files, from unwanted scrutiny. Unauthorized individuals attempting to read the computer files will see only gibberish. Agents are sought for this software, which is available for all popular brands of personal computers and selected IBM and DEC mainframes. The product is priced from $250 to $6,000. WRITE: Sam Hamedanchi, Export Mgr., American Computer Distributors, Inc., Dept. CN, P.O. Box 16326, Irvine, California 92713 U.S.A. Telex: 18-3815.

SWITCH CONTROLS DATA FLOW -- Two printers can share one computer port by using this company's "Data Switch." Designed for use in a Centronics-compatible environment, this switch eliminates the need to connect and disconnect cables and so reduces wear and tear on connectors. Distributors are sought worldwide for the switch, which is available in a-b, x, or cross configuration. Prices range from $42 to $69. WRITE: David C. Troupe, Pres., Via West, Inc., Dept. CN, 534 N. Stone Ave., Tucson, Arizona 85705 U.S.A. Telex: 33-3089.

Consumer goods

PEN AND PENCIL IN ONE INSTRUMENT — The "Mirage" is a ballpoint pen and mechanical pencil in one instrument. The writer can change from pen-and-ink to erasable pencil with a simple twist of the barrel. This patented instrument, covered by the manufacturer's warranty offering repair or replacement at any time, is available in a variety of styles, including the silkscreening or laser engraving of corporate identification. Refills are said to be available almost everywhere. Distributors, agents, and individual accounts are desired for these instruments which are priced from $4.50 to $20. WRITE: Peter H. Rieman, Gen. Mgr., Walgan Corp., Dept. CN, 155 Avenue of the Americas, New York, New York 10013 U.S.A. Telex: 17-8236 WALG UT.

VINYL TAPE REPAIRS DACRON AND MANY PRODUCTS EVEN UNDERWATER — "Miracle Tape" is a clear vinyl "press-on" tape said to stick to and seal almost any type of surface, even under water, and to be unique for the repair of dacron fabrics. According to the company, it is strong, pliable, impervious to heat and cold and many chemicals, and can even be used for emergency repairs to fuel tanks. It is available in stock sizes of 10-cm wide in lengths of 45 cm, 150 cm, 4.5 m, and 45 m. Production sizing and packaging are negotiable. Agents and distributors are desired for this tape which is sold in rolls priced from $5 to $345, depending on length and quantities. WRITE: Curtis R. Merkel, Merkel Industries, Dept. CN, Box 1218, RD-1, Tamaqua, Pennsylvania 18252 U.S.A.

COSMETIC CREAM CONTAINS APPLE ACID — Containing the fruit acid found in apples, "Apple Vita Cream" is said to change dry and chapped skin into smooth, better-looking skin when applied two to three times daily. The company claims the cream is superior to available moisturizers. Beauty salons, pharmacies, health stores, and mail order companies are potential buyers of this product which is priced from $4 to $7/60-ml jar. It is protected by U.S. and worldwide patents. Distributors are desired. WRITE: Ruey J. Yu, Pres., Minta Company, Inc., Dept. CN, 4 Lindenwold Ave., Ambler, Pennsylvania 19002 U.S.A. Telex: 499-6512 HAMCO.

TOOTHBRUSH IS EASY TO USE AND CLEANS TEETH EFFICIENTLY — The "Dental-H True" has a compact oval head for maneuverability in confined mouth areas, while its nylon brush is gentle on teeth and gums, according to the company. Easier control is said to be provided by the compound angle handle. The brush's professional quality design makes it useful to dentists and dental schools as well as to consumers. Available in different textures and assorted colors, "Dental-H True" is priced at $7.80/doz. WRITE: Martin Rudnick, Pres., Dental Hygiene Co., Inc., Dept. CN, 3350 Scott Blvd., Bldg. 27, P.O. Box 2247, Santa Clara, California 95055 U.S.A.

BOOKHOLDER FOR PAPERBACK READERS — Eliminating the need to keep both hands — or even one hand — on a paperback book while reading, "Pagemate" is said to keep the book open and flat while permitting easy page-turning. The firm recommends the product for reading while traveling, snacking, lying in bed, or sunbathing. "Pagemate" is available in clear Lexan plastic and in transparent shades of green, pink, blue, grey, and may be imprinted with logos or trademarks. Useful also as a bookmark, the product is priced at $.70 to $.90 each. WRITE: Chris T. Kilcis, Pres., Alexxan Industries, Dept. CN, 143-57 Rose Ave., Flushing, New York 11355 U.S.A.

ELECTRONIC COLLAR DRIVES PESTS AWAY FROM DOGS, CATS — The "Microtech" flea and tick collar uses high technology electronics to keep pets free from insects. Described as 100 percent safe to animals, this non-chemical, non-poisonous device emits a high frequency, high-intensity sound which repels fleas and ticks, according to the firm. Activated by long-life lithium batteries, the frequency is beyond the auditory range of dogs, cats and humans, it is said. Effective within a range of 1.2 m of the animal wearing the collar, it is resistant to water because the electronics are sealed inside the unit. The firm claims that veterinarians have tested the collar. Priced at $36 (including batteries), the product carries a 1 year warranty. Distributors are sought. WRITE: Frank J. Bianco, Vice Pres., Biotechnology, Inc., Dept. CN, 6924 NW 46th St., Miami, Florida 33166 U.S.A. Telex: 44-1690. Cable: INTRA UI.

CONVENIENT FIRE STARTER STORES SAFELY — "Lite-a-Log" is described as ideal for fireplaces, barbecues, campfires, and wood or coal burning stoves, burning without soot or odor. Unlike lighter fluids and other flammable products, this compound can be stored safely in a home, warehouse, or retail store, according to the firm. The company seeks overseas distributors to sell to supermarkets, hotels, and garden and outdoor recreation stores. One box contains 6 packets and sells for $1. WRITE: Gurubhai Singh Khalsa, Pres., Khalsa International, Inc., Dept. CN, Ste. 907, 100 N. Stone Ave., Tucson, Arizona 85701 U.S.A. Telex: 16-0583. Cable: Khalsaint.

PLASTIC GROCERY BAG HOLDER — The "Pak Rak" is a plastic rack designed to hold plastic grocery bags for use in the home as garbage bags. The company claims the this product will overcome customer objection to plastic bags, that they lack sufficient rigidity to stand open unsupported. This durable and inexpensive rack is sold dissassembled in a flat package to facilitate shipping and display. It snaps together easily without tools. Agents are sought for this product which is priced from $3.75 to $4. WRITE: Brandt Nicholson, Pres., Concepts, Dept. CN, P.O. Box 490, Ketchum, Idaho 83340 U.S.A.

EXPANDABLE BEVERAGE CONTAINER -- Shaped like a small jerrycan, "le Can" is a non-rigid, expandable beverage container for use by campers, sports enthusiasts, boaters and motorists. Its plastic materials permit the container to expand when filled and contract when emptied. Measuring 37 x 63 x 8 cm for easy storage, "le Can" holds 10 liters, and the company claims it will not leak or crack. It has an integral molded handle and a pull-push spout for controlled pouring. The firm is seeking importers and distributors for this $3.62 product. WRITE: T. Christopher Thurlby, Vice Pres., Mktg., Gallagher & Forsythe, Ltd., Dept. CN, Box 161, Cummaquid, Massachusetts 02637 U.S.A. Telex: 94-0532 Cable: GALFOR.

HYPO-ALLERGENIC SKIN MOISTURIZER -- For protection from the sun, wind, and cosmetic chemicals which are damaging to the skin, this firm offers "Diana Deone," a hypo-allergenic skin care moisturizer containing natural aloe vera and jojoba oil. The aloe vera is said to penetrate the skin rapidly providing essential proteins, vitamins and minerals. This product forms a barrier which helps the skin to retain moisture longer, the company claims. Agents and distributors are sought for this product which is priced from $2.36 to $2.76. WRITE: Clifford E. Marshall, Pres., Selene Export Co., Dept. CN, 406 Fulton St., Middlesex, New Jersey 08846 U.S.A. Telex: 83-3416.

WET AND DRY CENTRAL VACUUM SYSTEM -- In addition to dry vacuuming, the "Vibra Vac Model #431" can also steam-clean carpets, upholstery and drapes, clean hard surfaces, and pressure wash (up to 1000 PSI). The core unit, which houses the electrical, pumping, vacuuming, and chemical metering systems, is installed in a basement or utility room. A series of pipes run from the unit to wall mounted service outlets located throughout the building to provide easy access to cleaning tools. Agents are sought for this built-in, automated cleaning unit which is priced at $2,500. WRITE: Nabil Antably, Intl. Sales Mgr., Rug Doctor, Inc., Dept. CN, 2788 N. Larkin, Fresno, California 93747 U.S.A. Telex: 910-362-5004.

HIGH GLOSS ENAMEL SPRAY -- "Colorworks Chrome Plate" is a high gloss chrome-aluminum enamel spray for refinishing dull or rusty chrome accessories on cars, bumpers, hub-caps, motorcycles, bicycles, chrome furniture, or wherever a high gloss chrome-like finish is desired. It is also suitable for auto engine blocks, as it is said to withstand temperatures up to 300o F. The company claims that this enamel spray is dry to the touch in 3 minutes, tack free in 10 minutes, and dry to recoat in 5 minutes. A .45-kg can, priced at $1.61, covers approximately 7.62 m2 of surface, and is lead-free and non-toxic when dry. WRITE: Mary-Alice Burrell, Export Sales Mgr., Illinois Bronze Paint Co., Dept. CN, 300 E. Main St., Lake Zurich, Illinois 60047 U.S.A. Telex: 910-651-3937.

INCENSE MATCH TO FRESHEN AIR -- For use in bathrooms, kitchens, sick rooms, hotels, cars, or as an advertising tool, "The Original Incense Match" eliminates odors inexpensively. The foilwrap process keeps the 30 matches in each book fresh. Each match burns 4 minutes, and the match books are available in 14 fragrances. Various packaging is also available for the "Incense Match" which is priced from 0.13 to 0.20 cents. The firm is actively seeking distributors. WRITE: Jerry Wagner, Pres., H&L Noveltie, Inc., Dept. CN, 76 Dover Ave., Trenton, New Jersey 08638 U.S.A.

ECONOMICAL LEATHER CONDITIONER -- Easy to apply, "Original Mink Oil Creme" is used to waterproof and condition all types of leather goods. This creme melts at hand temperature and penetrates leather quickly. Once applied, it needs only infrequent renewal applications. The company claims that this non-toxic conditioner will not dry out or deteriorate on the shelf. The price ranges from $12 to $19/12-jar order. WRITE: C. Herr, Vice Pres., Original Mink Oil, Inc., Dept. CN, 10652 NE. Holman, P.O. Box 20191, Portland, Oregon 97220 U.S.A. TWX: 910-464-6186.

COMB HAS ROTATING TEETH -- The "Hair Doctor" comb features rotating teeth which the company claims will reduce the risk of premature hair loss, stop ends from splitting, and reduce hair damage and scalp irritation. The "Hair Doctor," which is available in 12.7 and 17.8 cm versions, is said to provide better scalp stimulation. This comb can also be used and packaged for pet grooming. The firm is seeking distributors for this product which is priced at $1.30 each. WRITE: Dr. A. W. McNicoll, Pres., Markets Intl., Dept. CN, 4611 Elida Rd., Lima, Ohio 45807 U.S.A. Telex: 21-4332 WUPUBTLX CN Cable: AWMCNICOLL.

SELF-CONTAINED HAND DRILL -- The cordless "Fiskars Hand Drill Model SB850I" can be used in a variety of drilling jobs in the home, auto, or hobby shop. This tool has self-contained, enclosed gears for smooth operation and an all-metal chuck that holds four self-contained drill bits. Its lightweight (.34 kg) design allows the user easily to focus drilling pressure, and the molded handle fits the hand comfortably. It is easy to transport and can be stored compactly in a tool box, drawer, closet or workshop. Agents are sought for the "Fiskars Hand Drill" which is priced at $16.99 retail. WRITE: Donald W. Hunt, Vice Pres., Intl. Mktg., Fiskars Mfg. Corp., Dept. CN, 10261 Yellow Circle Dr., Minnetonka, Minnesota 55343 U.S.A. Telex: 75-2833.

INNOVATIVE KNIFE SHARPENER -- Designed to sharpen all types of knives and scissors, the "Crock Stick" has a thinning angle and a sharpening angle. The thinning angle removes metal from the sides of the blade and keeps the edge thin. The sharpening angle provides an especially sharp, durable edge, according to the firm, which recommends this device to both skilled and unskilled users. WRITE: Louis N. Graves, Pres., Louis N. Graves Co., Inc., Dept. CN, P.O. Box 308, Anoka, Minnesota 55303 U.S.A.

INSECTICIDAL LIQUID COATING -- Applied like paint to walls and floors, "Bug-X" remains deadly to insects for up to four years but will not harm humans or domestic animals, the manufacturer states. This patented liquid is certified by the USDA and EPA as safe for non-contact food surfaces. Once allowed to dry, it cannot be washed off with water. Agents are sought for this product, which is available in .95-, 3.8-, and 19-liter pails and priced at $50/3.8 liters. WRITE: Ben J. Elder, Intl. Sales Mgr., Barrier Industries, Inc., Dept. CN, P.O. Box 14211, Baton Rouge, Louisiana 70898 U.S.A. Telex: 95-5318 BUG-X.

LIQUID SOAP DISPENSER -- Designed to replace bar soap, "Supershower" siphons a cleansing concentrate through the showerhead. The user just turns on the water, flips the lever for suds, and is instantly covered with rich lather. When the lever is flipped back, the device rinses the user with a soft, aerated spray of fresh water. Distributors are sought for this $15 cost-saving product. WRITE: Michael D. Anderson, Sales Mgr., Derus Ecology Associates, Inc., Dept. CN, P.O. Box 531, Neenah, Wisconsin 54956 U.S.A.

EFFICIENT PAINTING SYSTEM -- Twice as fast as ordinary rollers or brushes, the "Power Paint Roller" features a pressurized tank and hose which bring the paint directly to the roller. Lightweight and portable, this system requires no roller tray or electricity. It is quiet, easy to clean, and costs $25. WRITE: John A. Lehmkuhl, Export Mgr., Padco, Inc., Dept. CN, 2220 Elm St. SE., Minneapolis, Minnesota 55414 U.S.A. Telex: 29-0345.

DURABLE FIBERGLASS CASKET -- Available in four colors, the "Concept Casket" can be purchased with or without finished interiors. Caskets are nested, one inside the other, so that five complete caskets or seven without interiors can be shipped and stored in the same space as one conventional casket. A 12.2-m container will hold 240 complete or 336 shells. The casket is described as strong, attractive, non-perishable in storage, and low priced at $112.50 for the complete unit, and $84 for the unpadded shell. WRITE: Robert J. Kelley, Exec. Vice Pres., Sales & Mktg., M. W. Kelley, Inc., Dept. CN, 260 W. Mitchell Ave., Cincinnati, Ohio 45232 U.S.A.

SHOES HAVE EXTRA DEPTH -- This firm's "Extra Depth Shoes" are designed to provide instant comfort, better fit, and adjustment for medical braces and other inserts. The model pictured, "Miss Contour," features a 1.9-cm crepe wedge and sole and a long inside counter. It is available in a range of sizes, in narrow to extra wide widths, and can be ordered in eight different colors. Catalogs and prices are available from the firm, which seeks agents and distributors. WRITE: Mary K. Yunker, Gen. Mgr., P.W. Minor & Son, Inc., Dept. CN, P.O. Box 678, Batavia, New York 14020 U.S.A. Telex: 83-1573.

NATURAL SHAMPOO WORKS INSTANTLY -- Completely natural, "Soya System Shampoo" contains no animal by-products. Its active ingredient, hydrolyzed soya protein, comes from soybeans. The shampoo is sold only through beauty and barber shops in the U.S., but distribution can be tailored to meet the needs of markets outside the U.S. The firm seeks agents and distributors and will discuss the possibility of manufacturing agreements. WRITE: Jack Klobnak, Dir. of Mktg., Soya System, Inc., Dept. CN, 10726 Trenton Ave., St. Louis, Missouri 63132 U.S.A.

SOFT STAND HOLDS BEVERAGE CONTAINERS -- Recommended for use in cars, trucks, off-road vehicles, and boats, the "HH-6 Soft Can Holder" is molded to secure standard beverage cans and other containers of similar size. Made of flexible PVC, it will not corrode, chip, crack, break, stain, or cause injury. Impervious to the effects of sun, weather, and salt water, it includes a drain hole at the bottom to prevent build-up of condensation or rain water. On boats, it is a handy holder for Freon-powered signal horns, as shown here. WRITE: William F. Spangler, Vice Pres., Sales, Beckson Marine, Inc., Dept. CN, 165 Holland Ave., P.O. Box 3336, Bridgeport, Connecticut 06605 U.S.A.

ON-THE-WHEEL TIRE GAUGE -- A combination "tire air gauge" and "extender," the "Air Check" screws onto the conventional tire valve, giving the motorist a permanent, convenient method of checking air pressure. Components are precision-engineered and constructed of rugged ABS plastic to withstand chemicals and weathering. Priced from $1.50 to $3.50, the device is recommended for promotional purposes and is said to have been approved by many U.S. auto and tire companies. WRITE: Carlos I. Gomez, Pres., COEXPO, Dept. CN, 8313 Buhman Ave., Pico Rivera, California 90660 U.S.A. Cable: COEXPO.

STYLISH ACTIVEWEAR SHORTS -- Available in an exotic color assortment of tropical and floral prints, "Leggoons Shorts" come in a range of sizes. The fashionable shorts feature deep pockets, heavy strength drawstring cord, and stylish design. Companies interested in licensing agreements should provide information about themselves with their initial inquiry. WRITE: William Coffey, Dir. of Intl. Mktg., Tarmak Enterprises, Inc., Dept. CN, 4924 Underwood, Omaha, Nebraska 68131 U.S.A.

ADJUSTABLE SUNGLASSES BLOCK GLARE -- Recommended for use in driving and water sports, this firm's ophthalmic-quality "Catalina Sunglasses" are said to block 100 percent of reflected glare, 100 percent of ultraviolet light, and 87 percent of visible light. They feature a durable, attractive frame and cost from $24 to $36. Agents, distributors, and licensees are sought. WRITE: Paul Hogan, Exec. Vice Pres., Costa Del Mar Sunglasses, Inc., Dept. CN, 310 Division Ave., Ormond Beach, Florida 32074 U.S.A. Telex: 88-7224.

HEAVY-DUTY LIQUID SOAP WITH PUMICE -- "Volcano" has a unique formula that stays in suspension so that no shaking is required and it can be dispensed with a pump. The pumice, along with emulsifiers and cleaners, lifts grease, dirt, and grime from the skin to the water during washing. Unlike irritating waterless hand cleaners, this soap contains conditioners to help soften and soothe the skin. Agents and distributors are sought for this product, which costs $6/3.8 liters. WRITE: John O. Roberts, Senorct Chemical Co., Inc., Dept. CN, 566 Leffingwell, Kirkwood, Missouri 63122 U.S.A.

VERSATILE HOE HAS BUILT-IN RAKE -- Recommended for home gardening, the one-handed "Handi-Hoe" features wiggle-cutting action and a convenient 10.2 cm wide blade. The tool includes a built-in rake, which allows the user to root out weeds and rake them up with hardly a pause. This rugged, fully guaranteed gardening tool is 30.9 cm long and costs $4. WRITE: C. Don Meacham, Gen. Partner, R & H Limited, Dept. CN, 1532 Morris, Clovis, California 93612 U.S.A.

NONTOXIC ANIMAL REPELLANT -- "Ro-Pel" repels most birds and animals, large or small, which have the ability to taste or smell. The formula contains a bitter substance combined into a solvent system that penetrates the bark of trees and other surfaces to remain effective for long periods of time. Priced at $10/.9 liters, this product is described as ecologically safe, non-hazardous, and easy to use. Importers, distributors, and wholesalers are sought. WRITE: P. Weiss, Product Mgr., Burlington Scientific Corp., Dept. CN, 100 Fairchild Ave., Plainview, New York 11803 U.S.A. Telex: 14-4612 or 685-2289. Cable: ATOMERGIC PLVW.

TEE SHIRT PROMOTES HALLEY'S COMET -- The "Halley's Comet Tee Shirt" displays a unique three-color design commemorating the return of Halley's Comet in 1985-1986. Made of 50 percent cotton and 50 percent polyester, it features a high crew collar and long or short sleeves. The shirt is available in small, medium, large, and extra-large sizes for $13.95. Agents and distributors are sought. WRITE: Phyllis Worne, Pres., Worne & Associates, Inc., Dept. CN, Greentree Mews, 600 N. Rt. 73, Ste. 6A, Marlton, New Jersey 08053 U.S.A.

DECORATIVE BALLOONS DISPLAY MESSAGES -- "Qualatex Stick Notes" are 12.7-cm printed balloons easily attached without tying to convenient sticks. Each colorful 100 percent natural latex balloon is economically air-filled. Clients may choose the firm's stock designs, which can be translated into any language, or use advertising logos, or develop their own messages. Agents and distributors are sought for this product, which costs from $7.70 to $9.50/gross. WRITE: Ted J. Vlamis, Export Sales Rep., Pioneer Balloon Co., Dept. CN, 555 N. Woodlawn, Wichita, Kansas 67208 U.S.A. 41-7330. Target: [1] [2] [3] [4] [5] [6] [7] [8]

SAFE, EFFECTIVE AEROSOL INSECTICIDE -- Safe for pets and plants, the "X-Term Insect Fogger" completely rids treated areas of all crawling and flying insects, including roaches and fleas, and leaves no lingering odor after airing, the manufacturer states. The price for .15 liters is $2.57, $3.44 for .27 liters. Agents are sought. WRITE: Anthony Santangello, Exec. Product Mgr., El Toro Exterminator Corp., Dept. CN, 1067 White Plains Rd., Bronx, New York 10472 U.S.A.

HANDY INTERNATIONAL TIME REFERENCE -- The "World Time Chart" provides instant, accurate time cross-reference among 60 major business locations around the world. The chart calculates "day forward" and "day behind" automatically, highlights 9-to-5 hours in every city, and converts all times to Greenwich Mean Time. Used as a promotional item, it can be labeled with a company logo. Dealers, distributors, and agents are sought for this product, which costs from $.70 to $1. WRITE: Edmond Murphy, Pres., Advanced International Marketing, Inc., Dept. CN, P.O. Box 830, Severna Park, Maryland 21146 U.S.A. Telex: 85-8218 ADVNTLMAR.

FASHIONABLE DECALS FOR FINGERNAILS -- "Claw's" are blistercarded fashion decals that cover the entire fingernail or just a portion. More convenient than hand painting fingernails, they are available in a variety of patterns, including tiger, zebra, checkers, confetti, and camouflage. Appropriate industry outlets include department stores, retail drug stores, and shops that sell toys, gifts, and cosmetics. The price is $1 each. Distributors are sought. WRITE: Stephen L. Pokras, Pres., Front Page News, Dept. CN, P.O. Box 330032, San Francisco, California 94133 U.S.A.

SUN SCREEN TONES SKIN -- Available in 2, 5, and 6 percent formulas for dry, normal, and oily skin, "Ambi Skin Toning Cream" was developed to even skin tone in darker complexions. It costs from $18 to $40 and contains moisturizers and paba sun screens. The firm actively seeks agents and distributors to sell to pharmacies, supermarkets, and beauty salons. WRITE: Laurence Harriman, Export Mktg. Mgr., Kiwi Brands, Inc., Dept. CN, Rt. 662 N., Douglassville, Pennsylvania 19518 U.S.A.. Telex: 84-6384.

CONVENIENT PORTABLE TOILET -- The "Porta Potti 255" is a hand-carried, two-piece, self-contained, easy-to-use toilet. Sanitary, odorless, and leakproof, it contains its own freshwater for flushing. The waste holding tank detaches quickly for ease in carrying and emptying. Recommended for travelers, campers, and boaters, this compact, sturdy, lightweight receptacle is made of high-impact, injection-molded polypropylene. WRITE: James F. Janowski, Intl. Sales Mgr., Thetford Corp., Dept. CN, P.O. Box 1285, Ann Arbor, Michigan 48106 U.S.A. TWX: 810-223-6010. Target: [4] [5] [8]

DESIGNER GIFT ENCLOSURE -- The "Wine Lines" gift enclosure was created to add a personal touch to wine and gourmet gifts. This elegant enclosure features a gold elastic band that is attached to the neck of a wine bottle or gift. The retail price is $.50 each. Agents are sought. WRITE: Dennis VanBaale, Exec. Vice Pres., The Holmart Corp., Dept. CN, 11125 Flintkote Ave., Ste. D, San Diego, California 92121 U.S.A.

LIGHTWEIGHT HAND FIRE EXTINGUISHER -- The UL-approved "Pumquick" is a polyethylene handheld soft discharge dry chemical fire extinguisher for small fires. Disposable after use, this easily operated unit is activated and controlled by hand pumping. It is safe, non-pressurized, non-toxic, inexpensive, and maintenance-free, has a long shelf life, and will not splatter grease or erupt. Agents and licensees are sought for this product, which costs from $2 to $2.25. WRITE: Edward J. Martin, Financial Vice Pres., Nu-Fire Products, Inc., Dept. CN, 107 Washington Green, Washington St., Walpole, Massachusetts 02081 U.S.A.

SHAMPOO REQUIRES NO WATER FOR USE -- "Rinse Free Shampoo" has been developed to clean hair and scalp without the use of water, and can be especially useful for nursing home residents, hospital patients, and campers and hikers, according to the firm. Agents are sought for this product, which comes in two sizes and costs from $28 to $42/case. WRITE: Charles R. Whitley, Pres., Trade International Inc., Dept. CN, P.O. Box 32391, Charlotte, North Carolina 28232-2391 U.S.A. Telex: 671-0611 CEOS UW ATTN: TRADE INC. Target: [6] [8]

LATEX PAINT KILLS INSECTS -- "Insecta" latex paint contains insecticide concentrate to kill flies, cockroaches, ants, and other flying and crawling insects which come in direct contact with it. It can be used on interior or exterior surfaces, and keeps killing pests for up to three years without an unpleasant odor, according to the manufacturer. Agents are sought for this paint, which is priced from $16.20 to $18.70/3.8 liters for the latex paint and from $52.10 to $59.70/liter for the concentrate. WRITE: P. Beauchemin, Vice Pres., Foreign Affairs, Insecta International Inc., Dept. CN, 25 SE. 7th St., Deerfield Beach, Florida 33441 U.S.A. Telex: 15-9073.

VERSATILE CLEANER CUTS GREASE -- Approved by the U.S. Department of Agriculture, "Kwik-Clean" is a multipurpose cleaner designed to clean cooking appliances, floors, walls, laundry, drains, vehicles, windows, and bathrooms. Agents and distributors are sought for this product, which comes in containers of .9, 4.5, and 22.5 kg priced from $.98 to $7.50. WRITE: Louis James, Export Mgr., Aidair Products, Inc., Dept. CN, P.O. Box 711, West Jordan, Utah 84084 U.S.A. Telex: 494-1131.

RUST-PROOF WHEELBARROW -- The lightweight, polyethylene "Mity Mite Wheelbarrow" is said to resist rust, dents, and corrosion. It features hardwood handles and a tubeless tire, has a capacity of .16 m3 and costs from $35 to $40. Distributors and agents are sought. WRITE: Michael R. Bays, Pres., T.C.I. Vacuum Forming Co., Inc., Dept. CN, 1401 Brummel Ave., Elk Grove Village, Illinois 60007 U.S.A. TWX: 312-640-6310. Target: [2] [8]

WALL CLOCK HAS PERPETUAL CALENDAR -- The "Hangtime" cordless wall clock, priced from $5.50 to $6, features an accurate time display with a perpetual calendar that shows the day, date, and month in various colors. Distributors are sought for the clock, which can be ordered with special logo designs and in other languages. WRITE: Barnaby L. Zelman, Pres., Z.L. Technologies, Dept. CN, 8619 Reseda Blvd., Ste. 104, Northridge, California 91324 U.S.A. Telex: 29-5158.

BODY LOTION TANS AND MOISTURIZES -- A special combination of avocado, aloe vera, jojoba oils, and vitamins is said to enable this firm's "Tanning Body Lotion" to tan and moisturize the skin. This fragrant, non-sticky lotion can be used daily on the body and hands after bathing or exposure to the sun. Distributors are sought for this lotion, which costs from $2.50 to $2.75. WRITE: Rita Redlinger, Pres., Sun-Pro of California, Inc., Dept. CN, 4238 Hilldale Rd., San Diego, California 92116 U.S.A.

STACKABLE SHELF FOR STORAGE -- The molded plastic "Stor'N Stak Shelf" is a storage organizer designed to accommodate personal and household goods. Available in white, almond, brown, sky blue, and rose, the shelf has removable legs and is stackable, with dimensions of 60.96 x 30.48 x 19 cm. Agents are being sought for this product, which sells for $1.30/piece. WRITE: Norman Landberg, Vice Pres., Consumer Products, Tamor Plastics Corp., Dept. CN, 11 Penn Plaza, New York, New York 10001 U.S.A.

PLASTIC SUIT HANGER -- Special clips on the "Twister Suit Hanger" are said to hold shirts, slacks, and shorts securely without wrinkling. Notched shoulders in this 43.18-cm tubular hanger hold strap garments and the contoured collar and shoulders keep shirts, jackets, and sweaters in place. Priced at $.45/piece, the hangers are available in white, almond, brown, sky blue, navy, and rose. Agents are being sought. WRITE: Norman Landberg, Vice Pres., Consumer Products, Tamor Plastics Corp., Dept. CN, 11 Penn Plaza, New York, New York 10001 U.S.A.

Consumer service

PAVEMENT STRIPER SPRAYS PAINTS, SOLVENTS -- Said to be ideal for marking streets, highways, parking lots and athletic fields, the "Trueline Striper Model 45 with Bead Dispenser" is engineered to spray any type of paint. Paints may include epoxies, chlorinated rubber, oil- and water-based and even premixed glass bead paint, according to company descriptions. The machine is capable of spraying at a rate of 60 m/min, applying 800 liters of traffic paint pressurized by a 4.5-kg cylinder of carbon dioxide. The bead dispenser applies beads uniformly (-TAB-)w is adjustable, the firm says. This low pressure, airless system requires little maintenance because there are few parts to wear out, it is said, and dual controls are available for making double lines. The firm prices this equipment from $400 to $900 and is seeking agents or dealers. WRITE: Bruce D. Harris, Vice Pres., Trusco Mfg. Co., Dept. CN, 398 NE. 38th St., Fort Lauderdale, Florida 33334 U.S.A. Telex: 52-2600-AAAEXECTMAR.

METAL WELDING FOR ELECTRICAL HARNESS ASSEMBLY -- Said to eliminate third elements, such as adhesive, solder and welding wire, in joints and encapsulation, the "Sonobond Ultrasonic Electrical Harness Assembly System Model E-814" incorporates modules for both metal welding and plastic welding. The metal welding module, Model WS-2014, joins wires to wires, or to terminals, and a plastic welding module encapsulates the metal joint. Both components are said to operate at a nominal frequency of 20 kHz but are independently controlled by power supplies generating 1,400 watts for the metal joints and 800 watts for waterproof encapsulation. This product, which the manufacturer claims produces high quality joints at low cost, while increasing production, is designed for manufacturers of electrical harnesses for the automotive, computer, aerospace, appliance and marine industries. Its price range is $32,000 to $35,000. WRITE: Philip C. Krause, Vice Pres., Mktg., Sonobond Ultrasonics, Inc., Dept. CN, 200 E. Rosedale Ave., West Chester, Pennsylvania 19382 U.S.A. Telex: 90-2497.

INSULATED, REUSABLE SHIPPING CONTAINER -- This firm's "Keeper" container is a sturdy, insulated, collapsible and reusable plastic container for shipping seafood, produce, temperature-sensitive plastics, delicate electronic parts, pharmaceuticals, and other perishable or fragile products. It is said to provide thermal values significantly higher than values furnished by insulated cardboard containers, allowing shippers to move more product with less ice, and to take advantage of slower and less costly modes of transportation. A durable, disposable plastic liner is available to make the container less susceptible to leakage. WRITE: R. Johnson, Mktg. & Sales Dir., World Container Intl., Dept. CN, 204 Dacotah Bldg., 370 Selby Ave., St. Paul, Minnesota 55102 U.S.A. Telex: 687-9074.

HIGH-WHEEL LAWNMOWER -- Designed for commercial and industrial use, the "Lil' Tiger" high-wheel lawnmover has a 4-hp Briggs & Stratton engine with a two-year warranty. This mower has all-steel construction and comes with standard rugged 10.16-cm rear wheels. The price of the lawnmower ranges from $185 to $235. WRITE: James M. Crawford, Pres., Pemco, Inc., Dept. CN, 1902 Tigertail Blvd., Dania, Florida 33004 U.S.A.

HYDRAULIC MOWER IS EASILY MANEUVERED -- A zero turning radius and one-hand control are special features of the "Excel Hustler Model 250" mower. It also has hydraulic drive transmission, sealed bearings, and a grass collection system that can be unloaded from the operator's seat. Said to be easy to maneuver, this machine sells for $3,600. Agents are sought. WRITE: Mel McAnulty, Export Mgr., Excel Industries, Inc., Dept. CN, P.O. Box 7000, Hesston, Kansas 67062 U.S.A. Telex: 43-7072. Target: [2] [3] [4] [5] [6] [8]

AIR CARGO CONTAINER ENSURES PRODUCT FRESHNESS -- The shelf life of perishable goods can be extended for up to three days with use of this product, according to the makers of "Envirotainer." This temperature-controlled container also retards mold, maintains food's ripeness, and protects fish and meat by arresting wetness. Agents are desired for the leakproof, lightweight container, which is available for sale or rent. WRITE: Al J. Sehorn, Vice Pres., Sales & Mktg., Envirotainer Corp. Dept. CN, 153 2nd St., Ste. 102, Los Altos, California 94022 U.S.A. Telex: 17-6291.

Electronic components

INSULATION DISPLACEMENT CONNECTORS CAN BE SNAPPED APART -- This firm's insulation displacement connector features a "Snap-Strip" said to break apart easily at any desired length. Both standard 36-position single- and 72-position dual-row strips may be easily snapped to shorter lengths or obtained pre-snapped with or without cable.

The connectors also offer a locking design of the contact said to hold the cap in place at every position. Cable assemblies are designed to mate with .635-mm square posts to form board- to-board and on-board interconnections. Agents and distributors are sought for this product which costs $.28 each in 100-piece quantities. WRITE: Sally Criss Haines, Intl. Mktg. Mgr., Samtec, Inc., Dept. CN, 810 Progress Blvd., New Albany, Indiana 47150 U.S.A.

CIRCUIT BOARD COATING MACHINE IS ECONOMICAL — This conformal dip machine is designed to coat large quantities of circuit boards automatically. It features uniform coating, controlled depth, and cure of coating. The system reduces labor and material costs and outperforms spray coaters, according to the firm. It is priced at $50,000. Agents are desired. WRITE: Herb Hackbarth, Product Mgr., Industrial Heat Enterprises International Co., Dept. CN, 9800 60th St., Franklin, Wisconsin 53132 U.S.A.

CUSTOMIZED MATRICES — This firm's "Diode Matrix" for programmable logic array is custom designed to meet customers' individual requirements. Using a technique known as hybridization, a matrix is customized to minimize parasitic couplings. This model, which replaces models HM-0168, HM-018, HM-0410, and HM-0104, can be inserted into a circuit without programming. Features include CMOS-compatibility, zero lower dissipation, bi-polaribility, and fast switching. Electronic firms can purchase this product for $12. WRITE: L.R. Magoon, Pres., I/D Matrix, Inc., Dept. CN, 111 Lock St., Nashua, New Hampshire 03060 U.S.A.

DURABLE ROTARY CAM LIMIT SWITCH — The "EC-3000" is an electronic rotary cam limit switch recommended to OEM manufacturers of packaging machines, high-speed automation equipment, and food processing packaging machines. It senses and controls rotary motion at a cost comparable to electro-mechanical switches. It features an electronic sensor that eliminates the wear and switch replacement associated with electro-mechanical switches. Available with 4, 8, 12, 16, or 24 outputs, this adjustable device operates from 0 to 2000 rpm. The "EC-3000," which is priced from $250, also contains fused plug-in modules that offer a.c. or d.c. outputs with sufficient current to drive most solenoid valves and other control devices. Various pulse discs are available to drive tachometers, motion detectors, and other components where multiple outputs/revolution are required. WRITE: Donald L. Davis, Pres., Electro Cam Corp., Dept. CN, 13647 Metric Rd., Roscoe, Illinois 61073 U.S.A.

INEXPENSIVE, LIGHTWEIGHT TRACER — The "Infrared Marking Beacon" is a tracing device used by the police, military and marine units to mark locations or to locate vehicles. Invisible to the naked eye, it can only be detected by night vision equipment. The "Beacon" is a palm-sized, low-cost, 112-g unit which produces a high-intensity infrared signal in a wavelength of 880 nanometers. It produces a 3 pulse/sec signal that is said to be easily received at distances of 5 miles -- or even up to 30 miles in some cases -- through most clothing, foliage, and light cardboard. The firm is seeking distributors and agents for this $124.95 product. WRITE: Brad Meyers, Pres., B.E. Meyers & Co., Dept. CN, 17525 NE., 67th Court, Redmond, Washington 98052 U.S.A.

EFFICIENT FIBER OPTIC DETECTOR — The "InGas Detector" is a fiber optic/infrared detector with high efficiency in both visible and infrared zones. It has minimum quantum efficiency of 50 percent from 800 to 1,500 nm in the photovoltaic mode. The 2-mm diameter detector is hermetically sealed in a TO-18 can, offering a dynamic impedance above 50,000 ohms and up to 80o C operation. It is also available in 0.5- and 0.1-mm diameter sizes and in TE coolers. WRITE: Dr. Gregory H. Olsen, Pres., EPITAXX, Inc., Dept. CN, 3490 US Rt. 1, Princeton, New Jersey 08540 U.S.A. Telex: 75-9363.

COUNTER/TIMER FOR CONVERSION RESOLUTION — Used with VF converters, the innovative "5020 Counter/Timer" is designed to achieve low-cost analog-to-digital conversion resolutions of up to 23 bits. Priced at $400, this integrated system comprises a 24-bit counter, a stable 10 MHz oscillator, and a high-precision timing circuit. WRITE: Marcia Lambert, Asst. to the Pres., Dymec, Dept. CN, 8 Lowell Ave., Winchester, Massachusetts 01890 U.S.A. TWX: 710-348-6596.

HIGH-VOLTAGE SURGE PROTECTOR — The "Tranco Surge Protector," designed for banks and hospitals among others, uses state-of-the-art technology to protect computers and electronic, medical, and communications equipment from the destructive effects of voltage surges, spikes, and noise in electric power circuits. It surpasses IEEE standard C62.42-1980, has high absorption capacity and a half-nanosecond response time, and absorbs ground surges. Distributors are sought for this $2,500 product. WRITE: C. D. Toney III, Dir. of Intl. Sales, Tobias-Ellis & Associates, Dept. CN, 5080 Spectrum Dr., Ste. 1000E, Dallas, Texas 75248 U.S.A. Telex: 59-0210.

DURABLE INSTRUMENT ENCLOSURE FOR COMPUTERS — Designed for the new generation of mini keypads, switches, controllers, pagers, and computer input interfaces, the "Model HM Instrument Enclosure" is said to be easy to assemble and to save money on the production line. It locks the PC board between covers without additional hardware. The enclosure, priced from $.80 to $1.85, is made of impact-resistant ABS and has molded-through color to eliminate chipping or scratching. EMI/RFI shielding can be requested. WRITE: Rick Lamb, Dir. of Sales/Mktg., Pac Tec Corp., Subsidiary of LaFrance, Dept. CN, 8425 Executive Ave., Philadelphia, Pennsylvania 19153 U.S.A. Telex: 50-6082. CABLE: LAFRANCE UD.

VIDEO FRAME STORE HAS FOUR MEMORIES — Useful for image comparison, R-G-B synthesis, subtraction, overlays and other scientific applications, the "Model 491 Video Frame Store" is unique in its ability to hold up to three additional synchronized memories. This device, priced from $5,000 to $13,000, can be interfaced with many computers and can meet either 525-line or 625-line standards. Its standard resolution is 512 x 512. WRITE: Carol Breneman, Export Mgr., Colorado Video Inc., Dept. CN, P.O. Box 928, Boulder, Colorado 80306 U.S.A. TWX: 910-940-3248.

Electronic production

COAXIAL MICROWAVE TEST FIXTURE — Reporting that the product is uniquely designed and sells for less than half the cost of the nearest competition, this company offers its "Coaxial Microwave Test Fixture" to companies that manufacture passive and active devices, MMICs and hybrid MICs. The fixture is said to permit packaged and unpackaged active and passive diodes, bipolars, FETs and MMICs to be connected to an automatic network analyzer for characterization. The test set-up produces reflection and transmission measurements from DC to 18 GHz and a VSWR less than 1.2:1 over the bandwidth, the company says. Four RF-bypassed d.c. source inputs provide a connection through the fixture to the coplanar waveguide carrier substrates, and the cassette loaded carrier (0.635 x 9.525 x 9.525 mm) provides ground-plane metallization around the device which facilitates low-inductance ground interconnection, according to the firm. The fixture is priced at $1,700. WRITE: Joe Marzan, Pres., Design Technique, Dept. CN, 7860 Texhoma Ave., Northridge, California 91325 U.S.A.

NEW, MINIATURIZED SIX-DIGIT PANEL COUNTER — Users of test equipment, medical equipment, off-road equipment, and photocopiers will be interested in the "Series 9100 Counter." This counter features a plastic, dustproof case and can be placed close to electronic components without creating transient interference, according to the company. This six-digit, miniaturized electric counter is available in a choice of a.c. amd d.c. voltages and comes with 15-cm, 24-gauge leads as standard equipment. Quick-connect terminals are also available. The price ranges from $3 to $5. WRITE: Nicholas G. Polydoris, Pres., ENM Company, Dept. CN, 5617 Northwest Hwy., Chicago, Illinois 60646 U.S.A. Telex: 25-4068.

HAND-HELD, IN-CIRCUIT TESTER — The "Myriad/XK Model 440" is designed for engineers, technicians and maintenance personnel. The "Myriad" is a hand-held, in-circuit ATE with the capacity for special programming and future expansion. It is preprogrammed to identify and test more than 25,000 unknown digital/analog/linear integrated circuits, according to the firm. These circuits include RTL, TTL, CMOS, HTL, ECL and the Op-Amps analog. The "Myriad" also features a diagnostic message which either identifies the I.C. or tells which pin failed and the reason. A 40 Pin Zero Insertion pressure socket interfaces with adapters such as flat pack and SEMS. The firm is seeking agents for this $5,000 to $7,000 tester. WRITE: Harry S. Matles, Sales Mgr., Hy-Tronix Instruments, Inc., Dept. CN, 301 W. 5th Street, P.O. Box 827, Newton, Kansas 67114 U.S.A. Telex: 41-7406.

COMPLEX CIRCUIT BOARD TESTER — Curcuit board manufacturers and test facilities will be interested in the "Series 900 Test Analyzer" for testing complex, multi-layer, double-sided printed circuit boards. It features a universal grid system, high voltage testing, high insulation testing and high throughput. According to the firm, this analyzer's universal grid fixturing, off-grid capabilities, and ability to employ all probe length technologies can increase product throughput, while keeping recurring tooling costs to a minimum. The "900" has a 49,152 test point capacity, a scan rate of 2000 test points/sec, and measures today's standard insulation resistance of 100 megohm at 100 V. Fast board throughput is maintained with solid-state, high-voltage switching. This product is priced from $35,000. WRITE: George Hroundas, Intl. Sales Mgr., Trace Instruments, Dept. CN, 9030 Eton Ave., Canoga Park, California 91304 U.S.A. Telex: 910-494-5989.

WRIST STRAP TESTER — The "WSST-300 Strap System Tester" allows electronic assembly personnel to make convenient, frequent tests of their wrist strap while it is in use. A grounded wrist strap that is functioning properly assures minimum levels of electrostatic charge on personnel, reducing costly damage to static- sensitive electronic components. The "WSST-300" checks the complete system: operator, strap, and ground connection, in one fast, convenient, simple, and safe touch operation. With normal use, the battery life of the "WSST-300" will exceed three years. The firm is seeking distributors for this product which is priced at $104.50. WRITE: Roger L. Peirce, Engineering Sales Mgr., Voyager Technologies, Inc., Dept. CN, 2250 Cabot Blvd. West, Bldg. 40M, Langhorne, Pennsylvania 19047 U.S.A.

STATIC-PREVENTION MONITOR — The "SRM-110 Surface Resistivity Meter" provides a convenient means of monitoring the effectiveness of a wide range of electrostatic preventive material, such as antistatic bags, foams, packing materials, table tops, work mats, topical coatings, floors and garments. Its portability (NI-CAD batteries), ease of use, hand-held size, and safe, 50 V operation provide quick, reliable and routine surface resistance measurements up to 1012 OHMS/SQUARE. The firm is seeking distributors for this product which sells for $984.50. WRITE: Roger J. Peirce, Engineering Sales Mgr., Voyager Technologies, Inc., Dept. CN, 2250 Cabot Blvd. West, Bldg. 40M Langhorne, Pennsylvania 19047 U.S.A.

MULTIFUNCTION COMMUNICATIONS SERVICE MONITOR — This firm's "FM/AM-1200" is a multi-function, microprocessor-controlled communications monitor designed to meet the requirements of most radio maintenance applications throughout the r.f. frequency range of 250 kHz to 1 GHz. Standard features of this state-of-the-art monitor include generator/receiver scan, r.f. memory, tone memory, spectrum analyzer, audio function generator with IMTS and DCS encode and decode, r.f. receiver, r.f. generator, 150 W r.f. power meter and RS 232 interface bus. The price of this portable unit is $9,195. WRITE: Ken Showalter, Mktg. Mgr., IFR, Inc., Dept. CN, 10200 W. York St., Wichita, Kansas 67215 U.S.A. TWX: 910-741-6952.

PORTABLE COMMUNICATIONS SERVICE MONITOR — For use in commercial radio or government and military communications maintenance, the "FM/AM-1500" is a micro-processor-controlled, digitally synthesized communications service monitor. This compact, portable monitor features FM and AM generator, duplex offset generator, digitally coded squelch with encode and decode capabilities, sensitive receiver for AM, FM and SSB, tracking and sweep generators, cable fault locator, two programmable audio tone generators, audio frequency counter and error meter, r.f. frequency error and power meters, deviation/modulation meter, sinad meter, oscilloscope and spectrum analyzer. This product is priced at $18,395. WRITE: Ken Showalter, Mktg. Mgr., IFR, Inc., Dept. CN, 10200 W. York St., Wichita, Kansas 67215 U.S.A. TWX: 910-741-6952.

MEMORY SUBSYSTEM — The "Model 525 Storage System" provides high-speed, high-capacity disk capabilities for Intel Microcomputer Development Systems, and is said to prevent system obsolescence. The storage device is a Winchester disk providing 11 or 22 megabytes of formatted storage. The OSIRIS operating system maintains compatability with ISIS while incorporating additional features that enhance programmer productivity. This system is priced from $4,995. WRITE: Richard D. Tallman, Vice Pres., Mktg., Radio/Switch, Inc., Dept. CN, 1372 N. McDowell Blvd., Petaluma, California 94952 U.S.A. Telex: 499-1365 RASWCH CAL.

SOFTWARE TRANSFER — The "Status EPS-64 EPROM Programmer/Simulator" is used to transfer computer software to a printed circuit board for program testing. The same instrument will transfer the program onto an EPROM chip and then transfer it from an EPROM chip into its own memory and into a computer or onto another EPROM chip. This $600 tool can be used by an unskilled operator after very little training, according to the firm, which seeks agents and distributors. WRITE: Robert L . Faley, Pres., Faley International Corp., Dept. CN, P.0. Box 669, El Toro, California 92630-0669 U.S.A. Telex: 50-9008.

OPTICAL DIODE TESTER — The "SR300 Optical Diode Tester" tests optical power and electrical parameters for LED products in a single integrated insertion mode. It provides measurement capability for the major DC and pulsed parameters of LEDs which include forward voltage, reverse current, and total optical power. Low-cost at $4,300, this device is designed to replace as many as three or four individual instruments. WRITE: John R. Torok, Sales Mgr., Applied Optoelectronic Technology, Dept. CN, 1294 Lawrence Station Rd., Sunnyvale, California 94089 U.S.A. Telex: 910-339-9627.

A.C. INDUSTRIAL CONTROL TRAINER — The "Industrial Alternating Current Control Trainer" is a pedagogical package used in industrial and military, vocational, and technical training. The training station provides for the design, operation, and maintenance of a.c. single- and three-phase motor control systems. System components are durable, easy to maintain, and safe to use. Agents are sought for this package, which contains courseware and hardware to run 49 laboratory experiments. WRITE: Arturo A. Kotesky, Export Mgr., Energy Concepts, Inc., Dept. CN, 3254 N. Kilbourn Ave., Chicago, Illinois 60641 U.S.A. Telex: 28-5556 ECI UR.

COMPUTERIZED SCREW FEEDING MACHINE -- Used in handheld screw driving, shuttle or rotary stations, and robotic assembly, the "Nascomatic 2001 Automatic Screw Feeder" features a state-of-the-art logic system, mechanical design, and custom features that eliminate jamming. Light, compact new drivers and jaws reach into formerly inaccessible areas while providing accurate torque, according to the firm, which prices the machine from $4,800 to $9,500 and welcomes factory representative and distributor inquiries. WRITE: Martin Singer, Vice Pres., Nasco Industries, Inc., Dept. CN, 3541 NW. 53 St., Fort Lauderdale, Florida 33309 U.S.A.

ACCURATE IN-CIRCUIT TESTER — The "ATS Searcher" is designed to allow virtually any operator, regardless of technical ability, to isolate faulty electronic components in or out of the circuit without applying power to the device being tested. Safe for CMOS, the tester compares good devices with suspect ones, displaying a signature of each for analysis. The firm seeks agents for this product, which costs from $3,000 to $3,500. WRITE: David F. Weidlich, Vice Pres., Operations, Associated Technical Services, Inc., Dept. CN, 195 N. Main St., Middleton, Massachusetts 01949 U.S.A. Telex: 710-321-0004.

SPECIAL CLEAN ROOM SEATING — Assembly workers operating in static- or particulate-sensitive environments can be made more comfortable with the "Micro-Tech ESD/Clean Room Chair," according to the firm. The chair is made of a sealed seat cushion of static-control vinyl which allows air release through a special membrane filter, and plated steel or aluminum parts to reduce particulate emissions. The chair is height-adjustable and is priced from $130 to $400. Agents and distributors are sought. WRITE: Edward A. Metzger, Sales Mgr., Ajusto Equipment Co., Dept. CN, P.O. Box 348, Bowling Green, Ohio 43402 U.S.A.

DOUBLE-SIDED EXPOSURE SYSTEM — Printed circuit board manufacturers and chemical milling industries can use the "ME-230 L.E. UV Exposure Unit" to image current flow patterns onto metal and PC boards. This $16,000 unit features a large 65 x 79 cm vacuum frame and 5 to 15/sec exposure times, as well as a fine line resolution of 3-4 mil line and space. Agents are sought for the system, which is said to cost 30 to 50 percent less than its competitors. WRITE: Michael Waage, Vice Pres., Matrex Inc., Dept. CN, 7216 Boone Ave. N., Minneapolis, Minnesota 55428 U.S.A. Telex: 29-0256 VNSS BRPK. Target: [2] [8]

PORTABLE MULTICHANNEL LOGIC ANALYZER —The "Breeze 2400M Logic Analyzer" can be used to design, debug and test electronic equipment. It offers glitch detection, a data acquisition rate to 100 MHz, and master/slave capabilities when used with a Model 2400S analyzer. Distributors and agents are sought for this 24-channel analyzer, which contains a 12.7 cm CRT and is said to be easy to set up and use. The product is priced at $2,673. WRITE: Duane Tow, Sales Mgr., TLB Controls Corp., Dept. CN, 295 Interlocken Blvd., Ste. W., Broomfield, Colorado 80020 U.S.A. Telex: 55-1075.

Energy: Electric and fossil fuel

WATER LEVEL CONTROL FOR POWER PLANTS The 3-mode microprocessor-based "Model 813 Level Controller" is designed to meet the unique requirements of the hydropower industry. It activates nozzles and wickets to maintain a constant level in the forebay, preventing spillage and oscillations, which improves plant operation and reduces wear on the mechanical acutators and solenoid valves, the firm states. Due to the unit's calculating capacities, a closed loop feedback of valve position is not needed, which contributes to the cost-effectiveness of the controller, according to the firm. Agents are sought for this $749 instrument, which may be programmed to match nearly all turbine types and forebay sizes. WRITE: Adrian Haemmig, Pres., H-O-H Power, 10904 Brunswick Rd., Grass Valley, California 95945 U.S.A.

TEMPERATURE/HUMIDITY SENSOR — For use in building automation systems of hospitals, schools, office building, airports, and industrial or commercial sites, "Electronic Systems Models USA95-A and B" are direct replacements for Honeywell L7095A and B R/P transmitters. These transmitter-type temperature and humidity sensors provide an accurate analog input for data gathering panels (ADP). They provide a resistive change based on temperature and produce a varying pulse output to a DGP. The sensors are connected to panels by a three-conductor cable. The USA95-A is a well-immersion sensor that is used in chill water applications and has a display range of 0 to 100o on any Alpha/Delta system. The USA95-B is typically used in hot water systems and has a display range of 0 to 250o. The firm also offers sensors with a 0- to 5-V output with a 4-20 ma option upon request. WRITE: Gregory E, Powers, Intl. Sales Mgr., Electronic Systems USA, Inc., Dept. CN, 1014 E. Broadway, Louisville, Kentucky 40204 U.S.A. Telex: 910-350-0105 ESUSA.

INEXPENSIVE ENERGY MONITORING SYSTEM — For control of mechanical and electrical equipment in any type of building, the "Centrac C100M" provides centralized monitoring at very low cost. With this system the building or plant manager can save energy without the use of a computer. It uses very simple circuits and features low initial cost and easy maintenance. In addition, it can be serviced by unskilled personnel. The price of this system ranges from $25,000 to $45,000. WRITE: Alfredo Sotolongo PE, Pres., Protec, Inc., Dept. CN, 6935 NW. 50 St., Miami, Florida 33166 U.S.A. Telex: 15-2106.

COMPLETE GASIFICATION SYSTEM — The firm's "Gasafire" uses renewable biomass material, such as wood chips, waste paper pellets, or coconut shells, and converts it into useable energy at the rate of 3,000,000 BTU's/h. The resultant gas can then be utilized directly to produce steam, mechanical, or electric energy for industrial use. This type of energy has the advantages of being renewable, clean burning, inexpensive, and readily available. The fully automated and simple-to-operate system includes a self-unloading trailer and a feeder/dryer, and is priced at $45,000. WRITE: Tom Melton, Vice Pres., Mktg., Buck Rogers Co., Inc., 150 Industrial Parkway, Industrial Airport, Kansas 66031 U.S.A.

LIGHTWEIGHT ELECTRIC GENERATOR — The featherlight "PM 500" is a portable electric generator that weighs only 6.8 kg and generates 500 peak watts. Useful for hobbyists, farmers, campers, vacationers, and construction workers, this a.c./d.c. generator is equipped with an on-off switch, long-run fuel tank, and all copper windings inside. Agents are sought. WRITE: Sebastian Spagnuolo, Mgr., Intl. Mktg., AG-TRONIC, Inc. Dept. CN, 125 Airport Rd., Kearney, Nebraska 68847 U.S.A. TWX: 910-624-0941.

HIGH-SURGE POWER CONVERTER — The "Power Inverter" is said to be highly efficient in converting 12 VDC electric power from a battery storage pack to 220 V 50 a.c. to operate computers, appliances, tools, marine equipment, or medical and test equipment. Anodized aluminum and stainless steel fasteners are used throughout this unit which can also be used to provide power supplies for service vehicles and remote communication sites. The "Power Inverter" is also available in 2,000, 2,500 and 5,000 W models in a choice of flat spade, round spade, or British style receptacles. This unit provides the high surge capability necessary for starting refrigerators and other motors with high starting surge. The price of this product ranges from $1,120 to $3,300. Agents and distributors are sought. WRITE: Warren Stokes, Pres., Heart Interface Corp., Dept. CN, 1626 S. 341st Pl., Federal Way, Washington 98003 U.S.A. Telex: 16-0563.

NATURAL GAS GLYCOL DEHYDRATOR — The "Duo-Sorb Glycol Dehydration System" offers efficient dehydration of natural gas to as low as 1-1/2 lbs (675 kg) per MMSCF outlet gas. The unit offers low operating and installation costs, reliability, and the capacity to use only dehydrated gas for fuel. Priced from $8,700, the system can be designed to accommodate a wide range of flow rates and conditions. WRITE: Terry Keel, Customer Contact, Latoka Engineering, Dept. CN, 4900 S. Lewis, Tulsa, Oklahoma 74105 U.S.A. Telex: 79-6298.

MONITOR PROTECTS AGAINST BROWNOUTS — Low power line voltages can often severely damage electric motors and electronic equipment. The "Voltage Monitor," priced from $50 to $100, removes the power from protected equipment when power line voltage becomes low enough to cause damage. Power is restored when the voltage reaches normal levels. The manufacturer is interested in dealers and distributors for this product. WRITE: R.L. Kile, Pres., Imes Trading, Ltd., Dept. CN, 3315 Como Lane, San Jose, California 95118 U.S.A. Telex: 499-7145. Cable: IMTRADE.

Energy: Renewable

CONTROL VALVE SAVES WATER AND ENERGY IN SHOWERS — In any facility with showers, the "A-712 On/Off Valve" can be used with the existing showerhead to save up to 50 percent on water and water heating costs, according to the manufacturer. The chrome-plated brass unit allows the user to increase savings by turning off the water while lathering. The valve carries a 5-year factory warranty and sells for $2.50. Agents are sought. WRITE: Walter R. Nelson, Pres., Omni Products, Inc., 9774 Crescent Center Dr. 504, Rancho Cucamonga, California 91730 U.S.A. Telex: 88-2905.

EXPANDABLE ENERGY MANAGEMENT SYSTEM — Designed to control and monitor electrical usage and demand in small to medium-sized buildings, the "Tork Model NM2400" performs demand limiting, time-of-day scheduling, adaptive duty cycling, optimum start and stop, and data/trend logging of HVAC, lighting, and equipment, the firm states. Also, with the use of a telephone modem, remote communication is possible, allowing changing of schedules, retrieval of data, auto-dial alarm monitoring for critical conditions or preventive maintenance. This modular, expandable system is priced at $3,000. WRITE: P.T. Monteagudo, Intl. Mgr., Tork, Inc., Dept. CN, 1 Grove St., Mt. Vernon, New York 105054 U.S.A. Telex: 13-1447. Cable: TORK.

COMPACT INVERTER CONVERTS SOLAR ARRAY POWER TO UTILITY POWER — Fully isolated, automatic, and overload-protected, the "Model 61300 Solar Electric Power Converter" enables the buyer to sell power to the utility company, according to the manufacturer. The units are available from 2.5 to 15 kW and feature advanced power tracking circuitry and full automatic operation said to extract every watt from the solar array. WRITE: Jim Swyler, Dir. of Mktg., Helionetics, Inc., DECC Div., Dept. CN, 17312 Eastman St., Irvine, California 92714 U.S.A. Telex: 910-595-2829.

MINI-HYDROELECTRIC PLANT — As a replacement for oil- and gas-powered generators, this firm offers the "PELTECH Hydroelectric Model 63VM-5," a compact "water-to-wire" mini-hydroelectric plant. This plant can be placed almost anywhere that falling, flowing water can be harnessed with a simple dam and pipe-penstock and will generate 50 or 60 Hz of a.c. power. Electric power output varies from 1 to 25 kW depending on head flow and site resources. This well built plant can be used to power ranches or villages and is easy to ship, install, and maintain, according to the firm. The price of this hydroelectric power plant varies from $2,500 to $4,000. WRITE: Bill Kitching, Pres., Small Hydroelectric Systems & Equipment, Dept. CN, 5141 Wickersham, Acme, Washington 98200 U.S.A.

ELECTRONIC WIND TURBINE GENERATOR — The "Adam Wind Turbine Generator" is a heavy-duty, tripod-mounted, electronically-controlled downwind energy system designed to give years of cost-effective, trouble-free service. The grid system units are custom designed and manufactured in capacities from 25 to 225 kW. Agents are sought, and joint venture and exchange of technology discussions are welcome, since this product can be mass-produced and set up by a nontechnical labor force. The single unit price is $1,000/kW which includes generator, tower, and automatic control. Quantity discounts are also available. WRITE: Jim Womack, Export Mgr., Adams and Associates Engineering, Dept. CN, P.O. Box 9406, Denver, Colorado 80223 U.S.A.

FLEXIBLE, ECONOMICAL SOLAR COLLECTOR — The flexibility of the "EPDM Solar Collector" allows it to be easily, neatly, and economically integrated into a variety of structures with complex shapes or uneven surfaces. The all-EPDM (ethylene-propylene-diene-monomer) solar collector is pre-assembled, lightweight, and withstands steam, freezing, and corrosion. This low-cost product is adaptable to many applications, such as water heaters, space heating, heat pumps, and radiant heating. The solar collector is offered with absorber-supported glazing that is .051-cm thick fluorocarbon coated polycarbonate film. The firm is seeking agents and distributors for this product which is available in 1.22-m widths in desired lengths for $8.50/.09 m2. WRITE: Charles E. Edwards, Pres., Solex Corp., Dept. CN, 52 Meadowcroft St., Lowell, Massachusetts 01852 U.S.A.

NI-CAD BATTERY HAS SOLAR PANEL — The "SN-2000" is a "D" size nickel-cadmium battery that contains a self-charging solar panel. It can also be charged from an a.c. wall plug at one-half the recommended a.c. wall plug charging rate. The battery has full voltage and amperage rating, is impact and water resistant, and provides wide temperature operation and long service life. Agents, distributors, and licensees are sought for this $13 product. WRITE: Raymond Curiel, Export Mgr., MJR Co., Dept. CN, P.O. Box 30355, Phoenix, Arizona 85045 U.S.A. Telex: 16-5025 CBC PX.

SOLAR-POWERED OUTDOOR LIGHTING — This firm's "1st Star" is an outdoor yard light which operates 6 to 10 hours, depending on the region. The solar panel produces electricity from the sun and stores the energy in a battery. At dark, the solar panel acts as a sensor to turn the light on. The light is also available in a security version. Representatives and distributors are sought for this outdoor light, which is priced from $230 to $368. WRITE: Craig J. Binney, Pres., Texas HiLight, Inc., Dept. CN, P.O. Box 3366, Evergreen, Colorado 80439 U.S.A. Telex: 79-6062.

ENERGY-EFFICIENT HEATING — "Tri-Solar" is described as an inexpensive system that provides hot water and space heating for homes and small businesses. Combining ground, floor, and solar techniques, the system operates night and day, and is safe, lightweight, easy to install, and practically maintenance free, according to the firm. Agents are sought for "Tri-Solar," which costs from $3,000 to $5,000. WRITE: J. O. Cowart, Mktg. Dir., Tri-Solar Corp., Dept. CN, 2311 Starmount Circle, Huntsville, Alabama 35801 U.S.A.

WIND ENERGY CONVERTER — Patented worldwide, the "Venturi Rotor WEC System" is a noiseless vertical axis turbine that catches the wind from any direction. Offering 80 percent efficiency, the turbine allows facilities to generate electricity, pump water, or do other work where torque is required at a cost of less than $.04/kW. The price ranges from $1,000,000 to $5,000,000, and the firm welcomes negotiations of franchises or joint ventures. WRITE: Anna or Christian Herrmann, Chairman, The Herrmann Rotor Co., Dept. CN, 555 Cherokee Dr., Lake Forest, Illinois 60045 U.S.A.

SCREEN BLOCKS SOLAR RADIATION — "Solar Guard" blocks up to 70 percent of solar radiation, reducing energy requirements for air conditioning while keeping the view unobstructed. The material eliminates "hot spots" and blocks ultraviolet rays, preventing fading of furnishings. Effective even when the window is open, it also acts as a window screen, letting in fresh air and keeping out small insects. Agents and distributors are sought for this product, which costs from $.22 to $.35/.09 m2. WRITE: Patrick Kisgen, Mkt. Mgr., Nicolon Corp., Baycor Div., Dept. CN, 3150 Holcomb Bridge Rd., Ste. 300, Norcross, Georgia 30071 U.S.A. Telex: 80-4453.

ADVANCED SOLAR COGENERATION PLANT — The 3-m "Model HTC-6000" pictured is an example of this firm's advanced solar cogeneration plants driven by low-cost, dependable parabolic dish concentrators. These standardized, modular plants feature 2-axis automatic tracking collectors in 1-MW clusters with waste heat used for water desalination, steam, or industrial process heat production. Equipment life is 30 years, according to the firm, which welcomes inquiries from potential end-users. WRITE: Tom Damberger, Pres., Consortium of Alternate Energies, Dept. CN, P. O. Box 84450, San Diego, California 92138 U.S.A. Telex: 69-1600. TCI-LSA-CAE.

HEAT RECOVERY SYSTEM - The "Super Saver Heat Reclaimer" can be connected to a bulk tank condenser to turn wasted heat from refrigeration systems into a new source of hot water, says the manufacturer. The reclaimer has a stainless steel outer jacket and is insulated to 6.08 cm with polyurethane foam. It also has a glass-lined storage tank. Agents and distributors are sought for the heat reclaimer, which costs from $1,500 to $2,000. WRITE: O.K. Backhaus, Dir. of Merchandising, Zero Manufacturing Co., Dept. CN, 811 Duncan Ave., Washington, Missouri 63090 U.S.A. Telex: 44-2476.

PORTABLE HEATER ADDS HUMIDITY — This compact, lightweight oak heater can warm up to 46 m^2 using no flame. Since "Forever Warm" provides humidity as well as heat, it can be used in sick rooms to ensure comfortable breathing, or it can be used as a portable sauna. Fragrance can be added if desired. This $250 heater operates on standard electric current and is said to be economical to use. Agents are sought. WRITE: William B. Kling, Vice Pres., Mktg., Saranac Technology Corp. Dept. CN, 35 Division St., Box 112, Saranac, Michigan 48881 U.S.A.

CONVENIENT GENERATOR MAKES OXYGEN — The completely portable "Mighty Ox" generates oxygen for many applications, including cutting, welding, brazing, and glass blowing. Priced from $3,000 to $100,000, the unit can use any fuel gas, works well with acetylene, and requires 110 V, 60 Hz or 220 V, 50 Hz to operate. Agents and distributors are sought. WRITE: Mary Bailey, Sales Admin., VBM Corp., Dept. CN, P.O. Box 922, 1402 W. Main St., Louisville, Kentucky 40201 U.S.A. Telex: 22-6000.

Food processing and packaging

FOOD GRINDER CONVERTS SOYBEANS INTO MILK PRODUCT — The stainless steel "BMI-150 Food Grinder" is a motor-driven soybean mill which can process up to 67.5 kg/h of dry beans for puree or milk products, according to the manufacturer. This lightweight model comes with a standard 45.6-liter hopper, and requires no adjusting, is self-metering andvirtually maintenance-free. The stainless steel construction of the model is said to ensure better sanitation than do grinding stones. The machine is also useful for grinding other nuts, fruits and vegetables, the company says. It is priced from $1,875. Larger models are available. WRITE: Wally Rogers, Operations Officer, Bean Machines, Dept. CN, 390 Liberty #2, San Francisco, California 94114 U.S.A. Cable: BMITOFU.

FOOD PACKAGING SEALER USES STITCHES — Said to be perfect for packaging fruit, produce, meat and dairy products, "Silver-Lok" uses stitches to seal plastic net, poly, and cloth bags and has industrial applications as well. Eliminating costly clip costs and loss, the fully automatic "Silver-Lok" makes its own non-slip clip from a coil of Acme heat-treated, semi-flat, aluminum wire. The plant code can be imprinted on the clip crown. The machine is made of anodized aluminum, stainless steel and hard-chromed steel to ease cleaning and resist corrosion. Designed for table or bench mounting, the unit weighs only 20.41 kg for easy portability. WRITE: Michael G. Dreznes, Dir. of Export, Acme Packaging, Dept. CN, 4225 Frontage Rd., Oak Forest, Illinois 60452 U.S.A. Telex: 433-0110 Cable: STEELPLT.

ASEPTIC FOOD PROCESSOR — This firm's "Scraped Surface Heat Exchanger" aseptically processes delicate fruit toppings, fruit, and fruit fillings as flavorings for yogurt, ice cream, pies, and other food products. It provides uniform heat penetration, and maintains particle integrity, aroma, flavor, and color. The heat exchanger is designed specifically for each application, and inquiries from primary users are sought. WRITE: J. Mel Jolly, Vice Pres., Intl. Operations, APV CREPACO, Inc., Dept. CN, 8303 W. Higgins Rd., Chicago, Illinois 60631 U.S.A. Telex: 25-4537. Cable: APV CREPACO.

COVER INSULATES CHILLED FOODS — The "Weather Guard Insulated Pallet Cover" is designed to maintain the temperature of frozen or refrigerated foods when they are exposed to ambient temperatures. Made of rugged nylon fabric and insulated with polyester fiberfill batting, the cover is available in a variety of sizes and costs from $135 to $256. It is lightweight, easy to fold, and machine washable. WRITE: R. Breakstone, Sales Mgr., Refrigiwear, Inc., Dept. CN, 71 Inip Dr., Inwood, New York 11696 U.S.A. Telex: 96-0296. Cable: FRIGIWEAR INND.

RAPID ANALYSIS OF LIQUID DAIRY PRODUCTS — This firm's "System 100" is designed to provide rapid determination of solids and fat in all types of liquid dairy products. Complete determination requires six minutes, and accuracy is comparable to standard test methods, according to the firm, which seeks agents and distributors. The price is $24,000. WRITE: Judy J. Arey, Vice Pres., Mktg., CEM Corp., Dept. CN, P.O. Box 9, Indian Trail, North Carolina 28079 U.S.A. Telex: 80-2118.

RECLOSABLE MULTIWALL PACKAGING — The "Rip-N-Zip Reclosable Multiwall Bag" features a nylon coil reclosable zipper to prevent contamination, product spills, and product deterioration. As the zipper is an integral part of the bag, no additional equipment is required. This product is designed to allow bagmakers and manufacturers worldwide to package a variety of products conveniently and efficiently. The price ranges from $300 to $900/thousand. WRITE: Donna R. Smith, Mgr. of Advertising & Sales, KCL Corp., Dept. CN, Hodell & Prospect Sts., Shelbyville, Indiana 46176 U.S.A. Telex: 27-6272.

COMPACT ICE MACHINE — The self-contained "Industrial Ice Machine" is designed to produce from .9 to 45 t of fresh or saltwater ice every 24 hours. Ice thickness can be easily controlled, and once produced, the ice is said to be easier to handle and to last longer than flake ice. Agents and distributors are sought for this machine, which can be used in food processing and by fishing fleets. WRITE: Jeneane Schranz, Intl. Dir., Industrial Ice Equip. Co., Dept. CN, 9816 SW. Tigard St., P.O. Box 23217, Tigard, Oregon 97223 U.S.A. Target: [1] [2] [3] [4] [5] [6] [7] [8]

Forestry

CAST STAINLESS STEEL PULP VALVE -- Designed primarily for the pulp and paper industry, the "FNW Knife Gate Valve" is said to have found acceptance also for flow control in chemical processing, food processing, mining, irrigation, and wastewater treatment operations. This cast stainless steel knife gate valve is available in two basic styles: metal-to-metal and resilient seat. It is competitively priced with various actuators, options, and accessories from $200 to $3,000. Agents are sought for this product. WRITE: K. E. Marble, Mgr., Intl. Div., Familian Northwest, Inc., Dept. CN, P.O. Box 17098, 2121 N. Columbia Blvd., Portland, Oregon 97217 U.S.A. Telex: 36-0957.

General industrial

MOLD MAKES PLASTIC WC IN TURN-KEY OPERATION -- The mold for the "Low Profile Water Closet" is said to produce an attractive alternative to traditional ceramic water closets at lower cost. Designed for use with unsaturated polyester resin with locally available fillers, the mold features modern design with an elongated oval bowl and a smooth internal trap for efficient siphon/vortex flushing action, according to the company. The company offers the mold tooling for $6,000 supported by expert technical advice for establishing turn-key operations for this and other sanitaryware and bathroom fixtures. WRITE: Steven J. Clark, Vice Pres., Intl. Sales, Gruber International, Dept. CN, 25636 Ave. Stanford, Valencia, California 91355. Telex: 69-1419.

WATER CHILLER FOR INDUSTRIAL COOLING -- The "Peuchen-Designed Icewagon" is said to be known for its efficiency in delivering pre-chilled water for use in industrial processes. The unit requires less than .45 m2 of floor space while providing more than 6,804 kg in refrigeration, according to the company, which lists plastic manufacturers and chemical processors among potential end-users. Housed in a heavy-duty steel frame, the unit features a non-stop-start compressor operation which eliminates peak power demand and insures less wear and less chance of breakdown. The product may be ordered at any horsepower between 1/2 and 150 hp to meet customer need. Representatives are sought for this product which is priced between $5,000 and $50,000. WRITE: Charles W. Boyd, Pres., Boyd Refrigeration Co., Inc., Dept. CN, 340 South St., P.O. Box 58, Oxford, Pennsylvania 19363 U.S.A. Telex: 75-3775

REDUNDANT DESIGN FOR PROCESS CONTROL IMPROVES PERFORMANCE -- "Enhanced Reliability Control Systems (ERCS)" for the chemical industry are said to be unique for their use of a redundant design and for use of the System Support Module (SSM). The redundant design ensures that no single equipment failure will prevent correct operation. The SSM continuously tests all components, including inputs and outputs, according to the company. Commercially available hardware may be used in the system, as specified by the customer, so that no special communications devices are required. This system is said to increase the "mean time between failures" (MTBF) by 360 times, with hardware costs at only 10 percent more than for traditional redundant systems. The company prices its systems from $50,000 to $150,000. End-users are petrochemical and pharmaceutical manufacturers and oil producers. WRITE: Kevin Wade, Pres., Philadelphia Control Systems, Inc., Dept. CN, 2644 Capital Trail, P.O. Box 11682, Wilmington, Delaware 19850 U.S.A.

COMPACT PLATE HEAT EXCHANGER OFFERS EFFICIENT SERVICE -- This company's "F-Frame Accu-Therm Plate Heat Exchanger (PHE)" is said to feature compact size, adjustability according to need, highly efficient performance and reduced fouling. Cross contamination is eliminated, according to the company, and the product is capable of carrying as many as 140 gasketed embossed heat transfer plates fixed with compressor bolts into a frame measuring up to 1.90 m high by .71 m wide by 3.20 m in length. The unit is said to handle a maximum of 63.1 liters/sec with each plate surface measuring .45 m 2 while total surface amounts to 29 m 2. The unit weighs 2,317.5 kg, and both larger and smaller models are available at prices ranging from $1,000 to $30,000. End-users are said to include petrochemical, metal-processing, cleaning, food processing, HVAC and marine industries. WRITE: John M. Cole, Pres., Mueller International Sales Corp., Dept. CN, P.O. Box 828, Springfield, Missouri 65801 U.S.A. Telex: 43-6427. Cable: MUELLER.

AUTOMATIC INDUSTRIAL SAMPLER -- The "Model PTT" industrial sampler is said to be for international industries that use raw products, such as grains or other food products, in manufacturing. Specially designed for free-flowing granules and pellets, the model collects accurate samples when mounted on dilute or dense-phase horizontal pneumatic conveying lines. The machine, which is most effective when an auger is not desired, isolates samples from air and contaminants. In addition, "PTT" is available with manual or automatic controller in sizes and capacitites that are determined by the user. The firm is seeking agents for this machine which costs from $3,000 to $10,000. WRITE: Richard Beard, Export Mgr., Intersystem, Inc., Dept. CN, 13330 "I" St., Omaha, Nebraska 68137 U.S.A. Telex: 35-0266.

PORTABLE TRUCK SCALE REQUIRES NO PIT -- The "Portable Electronic Axle Load Scale" is said to be completely portable with no pit required. The platform is fully electronic with no moving parts and it maintains calibration when moved to new locations. The scale features diamond treadplate for high volume trucking, low height (11.4 cm) for optimum accuracy, and rugged, environmentally sealed electronic beam load cells to handle harsh rubber tire truck braking. The company says the product is designed for off-highway applications, such as in solid waste disposal stations, mines and quarries, and road construction, and that the model is available with a variety of a.c. or 12-V DC microporcessor-based weight indicators, including large digit scoreboards and printers. Depending on features ordered, the scale is priced from $8,000 to $18,000. WRITE: Glenn J. Douglas, Dir. of Mktg., World Wide Weighing, Inc., Dept. CN, 11863 - 124th Ave., NE., Kirkland, Washington 98034 U.S.A. Telex: 32-9473.

ELECTROMAGNETIC SPRING CLUTCH -- The "Model EMS-12" electromagnetic wrap spring clutch is designed for manufacturers of business and office equipment and computer peripherials. It can accurately start and stop loads of up to 28 kg-cm of torque at speeds up to 1,200 rpm. Response times are repeatable within .005 seconds using simple on/off switching. The "EMS-12," which has a life of over 5 million cycles, cost from $8 to $10. WRITE: L.J. LaPasso, Pres., Rockford Dynatorq, Dept. CN, 5173 26th Ave., Rockford, Illinois 61109 U.S.A. Telex: 25-7319.

GEL LUBRICANT FOR BEARINGS -- "TP2431 Bearing Gel" is a bearing lubricant in gel form that is said to far exceed the performance of conventional grease in high- or low-temperature applications. Applicable to all types of industrial equipment, it is nonmelting, resistant to washout, steam, detergents, and acids, and it has an extended life over conventional grease, the firm states. It contains no metallic powders to leave abrasive residue, a major cause of bearing failure. In addition, "TP2431" is completely inert, noncarbonizing, and nontoxic, while maintaining high strength in temperatures ranging from 4oto 359oC. The firm is seeking distributors and agents for this product which sells for $28 to $32/.45 kg. WRITE: Jack Katz, Pres., Tom-Pac Western Pacific, Dept. CN, 2368 Hobart SW., Seattle, Washington 98116 U.S.A.

RELIABLE FLOW SWITCH -- The "Visi-Switch" is a flow indicator switch that shows the direction and flow rate of lubricant, coolant, or other liquids. It provides a direct view of liquids so their color or the presence of dirt, rust, and other impurities can be determined. Another feature is the transmission of an electric signal to an alarm, back-up pump, or control valve, when the flow rate changes. The flow switch is externally adjustable and removable for inspection or replacement. The "Visi-Switch" is recommended for chemical processing plants, the pharmaceutical industry, utilities, paper mills, or OEMs such as pump, compressor, and lubrication equipment manufacturers. It is available in 2-cm and 2.54-cm sizes in bronze, stainless steel, carbon steel, and ductile iron and priced from $400 to $1,200. WRITE: Joseph A. O'Neill, Gen. Mgr., Dover Corp./OPW Div., Process Products Group, Dept. CN, 9393 Princeton-Glendale Rd., P.O. Box 405003, Cincinnati, Ohio 45240-5003 U.S.A. Telex: 684-2043.

SOLID-STATE CONTACTOR/STARTER -- The "SSC" is a solid-state a.c. contactor-starter which provides efficient on-off switching of motors, heaters, and other loads. It is said to be a high-quality, heavy-duty device with a life rating of 300 million operations. The "SSC" is designed for use in rugged and high-cyclic applications where maintenance is infrequent. The device also converts to a full voltage starter for additional termal overloads. The firm is seeking distributors for this product which ranges in price from $200 to $800. WRITE: G. Gregory Smith, Pres., Electrical South, Inc., Dept. CN, P.O. Drawer 21888, Greensboro, North Carolina 27420 U.S.A. Telex: 510-922-7328 ESI-GBO.

ACCURATE, SENSITIVE SCALE -- The "Speed Read Over/Under Scale" performs a variety of functions, such as checkweighing, package filling, portion control, trimming, sorting, grading, and shortrun parts counting. This machine, said to be accurate and sensitive, allows the operator to work at top speed while effectively eliminating reading errors. It features an easy-to-read panel with no weight display to slow the operator or allow inaccurate readings. Instead, a row of lights representing pre-set values shows the operator if the weight on the scale is acceptable over or under weight. Capable of weighing any unit of measure, the machine can measure items as fine as 1 g. "Speed Read," which is recommended for food and meat processing and packing, general industrial use, and parts depots, is priced from $890 to $925. WRITE: Eric Shukla, Mgr., Sales Development, WEIGH-TRONIX, Inc., Dept. CN, 1113 N. Armstrong Dr., Fairmont, Minnesota 56031 U.S.A. Telex: 75-6594.

INEXPENSIVE MACHINE VISE -- The "Machine Vise" is designed for machine shops, vocational schools, auto repair shops, and maintenance departments. It is furnished with a machined flat base for easy mounting, no-pinch main screw handle, and replaceable hardened steel jaw plates. Continuous rolled thread on the main screw makes it stronger than conventional cut thread. In addition, it includes a full 36o rotation on a guaranteed no-slip base with two lockdowns. All vises are produced from high-tensile ductile iron to conform to U.S. Government specifications, according to the firm. The "Machine Vise" costs $100 and is said to be 30 percent less expensive than competitive manufacturers. The firm is seeking distributors. WRITE: Kevin Nelis, Product Mgr., Yost Mfg., Dept. CN, P.O. Box 705, 1145 S. Washington, Holland, Michigan 49423 U.S.A.

MULTIPURPOSE SEALANT -- "Tight," a multi-purpose anaerobic adhesive sealant developed for maintenance use at industrial plants, can seal pipes and fittings for air, vacuum, water, and low-pressure steam systems, even at elevated temperatures. It can also retain bearings and sleeves, developing 800 to 1,300 PSI, while locking nuts and bolts and anchoring studs. Easy to apply, "Tight" is a gel that stays in place rather than running off or dripping. This product is said to be the only multi-purpose anaerobic product which seals 100 PSI instantly and 1,000 PSI after one hour on pipes measuring up to 1.9 cm in diameter. The sealant's intermediate strength holds bearings, yet it also provides for easy removal. The firm is seeking agents for this product, which sells for $5/tube. WRITE: Robert R. Linsenmayer, Intl. Mktg. Mgr., FEL-PRO Intl., Inc., Dept. CN, P.O. Box C1103, 7450 North McCormick Blvd., Skokie, Illinois 60076 U.S.A. Telex: 433-0156 FPFP. Cable: FELPROINC.

DURABLE SAFETY BRAKES -- The "SSB Series Spring Set-Failsafe Brakes" were developed to stop rotating equipment safely and reliably when power is turned off or removed from brakes. Easy to install, reliable and quiet, this low cost device is applicable to medical equipment, general industrial equipment, robot manufacturing, computer peripheral and office quipment. WRITE: L.J. LaPasso, Pres., Rockford Dynatorq, Dept. CN, 5173 26th Ave., Rockford, Illinois 61109 U.S.A. Telex: 25-7319.

METAL IMPREGNATOR EXTENDS WEAR LIFE -- The "Rocklinizer Model 600" is a metal impregnator with a beamed thunderbolt gun, used to apply carbides to extend the wear life of cutting tools, punches, dies, molds, bearing races, shafts, gears and other metal surfaces. It offers a carbide deposit capabilities from 0.0025 to 0.1 mm in a single application controllable within 0.0025 mm by machine dial setting. The product restores undersized dimensions, provides a better gripping surface, and repairs worn and pitted areas. Surface treatment by this machine is said to increase productivity and reduce costs. The "Rocklinizer" operates on 110-120 V or 220 V, 50-60 Hz, or single phase a.c. The firm is seeking agents and distributors for this product which costs form $1,450 to $3,750. WRITE: J.M. Rocklin, Pres., Rocklin Intl. Corp., Dept. CN, 110 S. Jennings St., P.O. Box 1259, Sioux City, Iowa 51102 U.S.A.

HIGH-PRECISION ROLLED BALL SCREW -- The "Precision Rolled Ball Screw," designed for machinery builders and manufacturers of computer peripherals and robotics, linearly moves a load from one position to another. Its high efficiency allows for smaller power sources, saving space and money. Another feature is precise positioning which gives repeated accuracy throughout the life of the screw. Requiring only periodic light oiling, this product is otherwise maintenance free. Other features include no-stick slip, which preserves life and synchronization, a special design that eliminates the limit switches or clutches to cut off the power source. Sized from .375" to 3" pitch up to 12', this product is priced from $18 to $600. WRITE: L.J. LaPasso, Pres., Rockford Dynatorq, Dept. CN, 5173 26th Ave., Rockford, Illinois 61109 U.S.A. Telex: 25-7319.

ADVANCED PROCESS CONTROL -- Autech's "DAC-6000" is especially suited for industries involved with chemicals production, petroleum production and refining, aluminum and steel production, pulp and paper production, and power generation and distribution. This distributed process control system is designed to provide uninterrupted data acquisition and advanced control under the most severe industrial operating conditions and is intended to reduce installation and high-level maintenance costs. Faultproof architectural features said to exist throughout the system include the "Dacmaster" control unit, the "Displaymaster" color touch screen operator station, and the "Masterlink" fiber optic local area network which can be extended to include computer-aided manufacturing. Agents and distributors are sought for this basic system that is priced from $40,000. WRITE: Rabindra K. Jena, Vice Pres., Intl. Operations, AUTECH Data Systems, Dept. CN, 1301 W. Copans Rd., Pompano Beach, Florida 33064 U.S.A.

HEAVY-DUTY VACUUM LOADER -- This firm's "VAC-All VCR-200" is a heavy-duty industrial vacuum loader with a 14.63-m capacity. This model is used by both contractors and industry for applications in steel mills, power plants, chemical plants, oil refineries, and wherever industrial waste and spills may occur. Designed to handle almost any kind of material, from solids and liquids to slurries and dusty material, the unit costs from $90,000 to $125,000. WRITE: Meinard Landowski, Sales Mgr., Central Engineering Co., Inc., Dept. CN, 4429 W. State St., Milwaukee, Wisconsin 53208 U.S.A. Telex: 26-641.

LOCOMOTIVE FUEL SAVING DEVICE -- This firm's "Low Temperature Protection System" is designed to heat locomotive coolant, oil, and diesel fuels to starting temperatures in extremely cold weather without draining battery power. The power unit is a diesel-driven alternator said to consume less than 3.8 liters of standard locomotive fuel per hour. The $10,000 unit includes complete safety and shutdown features and has no burners, boilers, or open flames. WRITE: John M. Mayfield, Jr., Pres., Microphor, Inc., Dept. CN, 452 East Hill Rd., Willits, California 95490 U.S.A. Telex: 33-0470.

CAM AND GROOVE COUPLINGS -- Made of malleable iron, high-tensile aluminum, high-strength brass and bronze, #316 stainless steel, and polypropylene reinforced plastic, the "Boss-Lock" for hose connections provides unique quick coupling and safety in sizes 1/2 through 6 in (1.27 through 15.24 cm.). Interchangeable with other manufacturers' products machined to the same standards, these cam and groove couplings meet MIL specifications MIL-C-27487. The firm seeks distributors for this product, which is priced between $2 and $60. WRITE: Richard Flaherty, Gen. Mgr., Dixon Valve & Coupling Co., Inc., Dept. CN, 800 High St., Chestertown, Maryland 21620 U.S.A. Telex: 87-510.

AUTOMATED VIBRATORY PARTS FEEDER -- Designed for high production manufacturers, this firm's "Vibratory Feeder Bowl" orients parts and feeds them into production equipment at a very high rate, eliminating expensive labor, the firm states. The custom built feeder features diameter sizes from 15.24 to 60.96 cm (6 to 24 in) and costs from $2,000 to $5,000. Sales agents are sought. WRITE: Bruce Fahnestock, Pres., Automated Parts Feeders Corp., Dept. CN, 1164 N. Fountain Way, Anaheim, California 92806 U.S.A.

VERSATILE LABORATORY THERMOFORMER -- The "Labform Model 1620/ 2024" is designed to enable the user to perform tests with single- or multiple-cavity molds and fabricate new hard-to-form plastics with fully automatic product equipment. Priced from $9,000 to $30,000, this thermoformer can accommodate a wide range of sheet thicknesses, from thin-gauge sheet used to form packaging containers to heavy-gauge sheet used to make boat hulls. Agents are sought. WRITE: Robert Rosen, Pres., Hydro-Trim Corp., Dept. CN, 167 Western Hwy., West Nyack, New York 10994 U.S.A. Telex: 17-8206 THER-UT.

LOADER PREVENTS JAMMING -- Designed to handle a wide range of products, this firm's "Loader" features a patented steel bucket style conveyor and large storage hoppers of .17 m3 or optional .34 m3. The unit also has a variable speed drive using a 1/2 hp d.c. permanent magnet motor coupled with a 60-1 ratio gearbox, and a level sensing paddle to maintain constant volume to feeding hoppers. Available in discharge heights from 91.44 to 254 cm (36 to 100 in), the loader costs from $6,000 to $8,000. WRITE: Ray Lamb, Sales Mgr., Warren Industries, Inc., Dept. CN, 6401 Falcon Rd., Rockford, Illinois 61109 U.S.A. Telex: 910-642-4391.

HIGH-SPEED THREAD ROLLER -- This firm's "Thread Roller" offers production speeds of rotary machines using inexpensive flat dies. Available in four sizes, 00, 0, 10, and 20, it features single lever rail width adjustment, flip-top rail with breakaway tip, variable speed drive with actual speed readout, adjustable stainless steel vibratory feeders, and full control of blanks as they are placed into the dies. All die adjustments are controlled by the stationary die. The price ranges from $45,000 to $125,000. WRITE: Ray Lamb, Warren Industries, Inc., Dept. CN, 6401 Falcon Rd., Rockford, Illinois 61109 U.S.A. Telex: 910-642-4391.

ELECTRONIC DEVICE PROTECTS MOTORS DURING BURNOUT -- The "Motorsaver Model 500" is engineered to remove an electric motor from three-phase power when there is a power fault on the line and then allow the motor to restart automatically when the fault has been corrected. Five fault lights indicate over voltage, under voltage, unbalanced voltage, phase reversal, and phase failure. Agents and distributors are sought for this product, which costs from $400 to $500. WRITE: Clifford J. Dunham, Vice Pres., SymCom, Inc., Dept. CN, 528 Kansas City St., Rapid City, South Dakota 57701 U.S.A.

ELECTRONIC PROCESS CONTROLLER -- The programmable "PC-80" features a 10-digit inventory totalizer, flow rate indication, and dual setpoint batch control. It accepts pulse inputs from collector transistors to contact closures up to 10,000 hz and has push-button calibration and rapid front panel signal conditioning. Priced from $599 to $699, the "PC-80" can be interfaced for complete automation. Distributors and licensees are sought. WRITE: W. C. Howland, Vice Pres., Intl., Badger Meter, Inc., Dept. CN, 4545 W. Brown Deer Rd., P.O. Box 23099, Milwaukee, Wisconsin 53223 U.S.A. Telex: 20-1313 RCA. Cable: BADGMET. Target: [2] [8]

CASTERS MOVE HEAVY DRUMS -- "Snap-N-Roll" is a newly designed brace that attaches casters to the bottom of a steel drum, which can then be moved without hand-trucks, fork lifts, or hoists through narrow or congested areas. Easily attached and detached by one person, the reusable casters sell for $149/ set. Agents are sought. WRITE: Marian Herbst, Gen. Mgr., Snap-N-Roll, Inc., Dept. CN, P.O. Box 5067, Lake Wylie, South Carolina 29710 U.S.A. Target: [1] [8]

RELIABLE SCALE TICKET PRINTER -- The "MTI-330 Ticket Printer" includes weight, time and date, and ID number printing function. Capable of printing up to six copies at once, this low-cost scale ticket printer has battery back-up for time and date and uses an inexpensive, readily available ink cartridge. It attaches to most industrial scales through RS-232, 20 mA current loop, or BCD interfaces. Dealers and distributors are sought for this device, which costs between $850 and $950. WRITE: Debra Hogendorn, Intl. Sales Mgr., Fargo Electronic Services, Inc., Dept. CN, 7150 Shady Oak Rd., Eden Prairie, Minnesota 55344 U.S.A. TWX: 910-576-2415.

POLYESTER FABRIC FOR MANUFACTURING -- "Abfab" is an engineered fabric which features a highly porous structure, low fabric density, and the same tensile strength in all directions. It can be used by any manufacturer of reinforced plastics, since it improves surface finish and prevents print-through in composite reinforced plastics. Distributors are sought for this 100 percent non-woven polyester fabric, which is available in three sizes, priced from $.44 to $3.23/m2. WRITE: Wayne Bishop, Pres., Glass Fiber Sales Group, Dept. CN, 22 Botany Rd., Greenville, South Carolina 29615 U.S.A. Telex: 57-0412 WU GRV. Target: [2] [5] [8]

SWITCH DETECTS HARMFUL MACHINERY WEAR -- The patented "Grid Switch" is said to save money and improve productivity by continuously monitoring lubricated machinery for levels of metal particles which may indicate failure of bearings, pistons, gears, and other moving parts. When too many metal particles are detected, an alarm sounds and/or special automatic shutdown devices are activated to prevent equipment damage. The switch has no moving parts and requires little maintenance, according to the manufacturer. Distributors are sought for the switch, which is priced from $100 to $500. WRITE: Irwin Nathanson, Intl. Mktg. Mgr., Autocator Controls, Dept. CN, 6715 Seegers Trail Dr., Houston, Texas 77066 U.S.A. Telex: 79-2333.

MACHINE DEGASSES LIQUID RESINS -- Liquid reactive resins such as epoxies, silicones or urethanes can be de-aired and degassed prior to processing with this firm's "Automatic Degasser." The device uses a special vacuum process to allow a direct transfer of material into the degasser from the supply container. This $12,000 machine has a temperature range of up to 150o C and a rotating "slinger" disc to provide more efficient degassing. WRITE: Peter Oldoerp, Sales, Automatic Process Control, Dept. CN, 1123 Morris Ave., Union, New Jersey 07083 U.S.A. Telex: 84-4820.

STAINLESS STEEL PRECISION THERMOMETER -- Temperatures from -70o to 500o C can be accurately measured within one degree with the "Reotemp Industrial Bimetal Thermometer," according to the manufacturer. It is a stainless steel, corrosion-resistant instrument which is individually assembled and hand-calibrated for accuracy and reliability. Distributors, agents, and individual accounts are sought for this instrument, which comes with dial sizes from 29 to 125 mm and costs from $12 to $100. WRITE: James P. Wucher, Sales Mgr., Reotemp Instrument Corp., Dept. CN, 11568 Sorrento Valley Rd., #10, San Diego, California 92121 U.S.A. Telex: 46-7994.

VERSATILE MACHINE OPENS SEWER LINES -- Specially designed for root cutting in tight places and for rooftop work, the "Spartan Model 200" can be used by professional sewer and drain cleaners, municipalities, industrial plants, and other businesses. Equipped with a cable-saving slip clutch, it is versatile enough to run three cable sizes, and its low center of gravity provides stability during use. Agents are sought for this machine, which costs from $895 to $1,370. WRITE: Ernie Weber, Sales Mgr., Spartan Tool, Dept. CN, 1506 W. Division St., Mendota, Illinois U.S.A. Telex: 88-1265.

Healthcare

DEVICE CONVERTS DOORKNOB FOR EASY ACCESS -- The "AccessLever" is a rigid handle which slips over existing doorknobs, making use of doors possible for people with limited hand and arm function, according to the company. The device is said to be durable, tested for hard wear, and easy to install, as well as moderate in price. Available in tones of bronze or aluminum, the "AccessLever" comes in 5 sizes. The firm seeks representatives and distributors for sales to universities, hospitals, housing for elderly people, government buildings and other institutions. The price to distributors is approximately $25, depending on quantities ordered. WRITE: TY Gregg Enterprises, 244 N. Mollison, #45, El Cajon, California 92021. TELEX: 695-202 HQSDG.

SCANNER EXAMINES BREAST TISSUE WITHOUT RADIATION -- The "Spectrascan Lite Scan" is a non-x-ray method for scanning the breast. It is said to utilize transillumination principles, augmented with digital electronics and computer imaging techniques for producing a non-ionizing, non-invasive real-time image for the detection of breast cancer. The instrument consists of a light source, video receiving system, video cassette recorder, microprocessor and keyboard, according to the firm. It is said to operate by diffusing a low intensity light through breast tissue. Designed for use by obstetricians, gynecologists, ultrasonographers, hospitals and clinics, the product is priced between $120,000 and $136,000. WRITE: Kaveh Zamani, Vice Pres., BonTech Corporation, Dept. CN, 8200 Greensboro Drive, McLean, Virginia 22102 U.S.A. Telex: 90-1777.

RELIABLE REFRIGERATION OF MEDICAL VACCINES -- The "E3 Medical Refrigerator" is said to offer safe storage of medical, veterinarian and vaccine supplies in areas where electrical power is intermittent or unreliable. With an average of only 4 to 10 hours a day of electricity -- depending upon usage -- the model can provide 24 hours of reliable refrigeration and freezing capability, and up to a week of refrigeration alone without electricity, according to the firm. The product's eutectic cell is said to maintain continued chilling capacity when power fails. Tested and approved by the World Health Organization, according to the company, the refrigerator and freezer compartment are adjustable in size, offering a combined total of 90 liters capacity. The model's small size, lightness and durability are said to facilitate transport into rural areas. Agents are sought for this product which is priced at $600 each in quantity orders. Other sizes are available. WRITE: Arthur D. Sams, Vice Pres., Polar Products, Dept. CN, 2908 Oregon Ct., 1-11, Torrance, California U.S.A. 90503.

NON-GEAR CALIPER MEASURES PERCENTAGES OF FAT -- This firm's "Skinfold Caliper Model 01127" is said to be capable of determining the fat weight of a person in terms of a percentage of body weight. Designed for exercise physiologists, physical therapists, sports coaches, health clubs and weight-loss clinics, the product is durable, light and has no gears which eliminates backlash and improves accuracy, the company says. The floating tips are said to adjust automatically for parallel measurement and accuracy, and the large dial is a full 330o with a range of 0-60 mm and plus-minus accuracy to 1 mm. The caliper comes with a protective case and instruction manual. WRITE: Jolaine Roberts, Export Mgr., Lafayette Instrument Company, Dept. CN, 3700 Sagamore Parkway N., Lafayette, Indiana 47905 U.S.A. Telex: LICLAF 27-6154.

UNIT MEASURES JOINT FLEXION OR EXTENSION -- The "Model 01130 LCD Goniometer" is said to measure the degree of flexion or extension in joints, and is designed for use by biomechanical engineers, physical therapists, kinesiologists and exercise physiologists, according to the manufacturer. Reported to be accurate, durable, quick and easy to use, the product features half-inch liquid display crystals, angle measurement from 0 to 340o with plus-minus 1 percent accuracy. An adjustable protractor arm, marked in centimeters, is said to make the goniometer versatile for the measurement of a variety of joints. Finished in corrosion- and tarnish-proof black anodized aluminum, the product is said to operate on one 9v battery. WRITE: Jolaine Roberts, Export Mgr., Lafayette Instrument Company, Dept. CN, 3700 Sagamore Parkway N., Lafayette, Indiana 47905 U.S.A. Telex: LICLAF 27-6154.

BIOMECHANICAL PROSTHETIC HAND FOR ACTIVE CHILDREN AND ADULTS -- The "Adept" biomechanical hand is said to offer the first hand replacements for limb-deficient children which operate using constant biomechanical forces generated by the musculature of the user's own body. "Adept" features a naturally opposed thumb-and- forefinger design and is composed of a unique reinforced flexible polymer in a pleasing tan color, the company states. Two model sizes are available, the smallest for children between 2 and 5 years of age. The company, which prices the prosthesis at $600, is seeking agents or distributors who currently serve the prosthetics market. WRITE: Bob Radocy, Pres., T.R.S. Inc., Dept. CN, 1280 28th St., Ste. 3, Boulder, Colorado 80303-1797 U.S.A.

INSTRUMENT EVALUATES LUNG TUMORS -- The "CT Lung Densitometer" permits the use of CT scanners to evaluate lung tissue quantitatively, a technique said to reduce the need for exploratory lung surgery. CT densitometry of nodules is said to be the most effective imaging technique for identifying calcified nodules, with a standard control of reference supplied by the company's series of diagnostic phantoms. The company states that its unique diagnostic nodule simulator is now being used successfully on CT scanners at numerous institutions. The price is $12,500. WRITE: W.R. Drury, Pres., Computerized Imaging Ref Systems, Inc., Dept. CN, 2488 Almeda Ave., Norfolk, Virginia 23513 U.S.A.

SELF-CONTAINED HAND PROSTHESIS -- The "Fidelity Myoelectric Hand System" for amputees is a self-contained prosthesis that is said to open and close in direct proportion to the intensity of the user's muscle contractions. A light contraction is sufficient for picking up an egg, the company says, while a strong contraction enables a firm hold on a hard object. Features include a self-contained battery pack, a quick-connect laminating ring, a charging jack for 20 hours of use, electrodes and cosmetic glove. The unit, which does not require back gear, is also available as a switch-controlled system for amputees with long stumps. Designed for high torque, efficiency and long life, the product is priced from $1,130 to $1,255. The company seeks distributors. WRITE: Jim Lanners, Operations Mgr., Fidelity Biomedical Products, Dept. CN, 8800 NW. 36 St., Miami Florida 33178 U.S.A. Telex: 51-5174. Cable: 810-848-7050.

STABLE NON-ORGANIC CONTROL FOR LABORATORIES -- "Human Serum Chemistry Control" is a stable preparation with a refrigerated shelf life of one year, according to the company. The control is said to contain no organic solvent and to be usable with any automated equipment, including devices with ion-selective electrodes. The control substance is packaged in three levels of concentration, and packaging in plastic dropper bottles makes dispensing easy, minimizing contamination and increasing cost efectiveness. Assayed values are said to be supplied for albumin, globulin, glucose, urea, uric acid, creatinine, sodium, potassium, chloride, calcium, magnesium, and phosphorous. The company prices the control material between $150 and $300 and is seeking agents or distributors. WRITE: Robert W. Ban, Pres., Quantimetrix Medical Industries, Dept. CN, 11953 S. Prairie Ave., Hawthorne, California 90250 U.S.A. Telex: 18-1149 West LSA, Attn: XQU.

IN VITRO TEST IS SENSITIVE, FAST, INEXPENSIVE -- This firm's "Limulus Amebocyte Lysate" (LAL) is said to be a widely accepted in vitro analytical test for detecting bacterial pyrogens (fever producers) in injectable pharmaceuticals and on medical devices. Replacing the traditional rabbit test, this product assays for endotoxin contamination through in vivo applications and is designed for use by manufacturers of ethical drugs, medical devices and biomedical research laboratories. Said to be sensitive, accurate, fast, easy to use and less costly than the rabbit test, LAL is freeze dried in vials for incubating liquid materials. It should be stored at between 2 to 8o Celsius, although no special handling is required for shipments, according to the manufacturer. It is priced at $150 for a kit of 50 single-test vials, and at $250 for a kit of 5 vials, each containing material for 50 tests. A 5-vial kit for the positive control of endotoxin standard costs $55. WRITE: James J. Finn, Pres., Marine Biologicals, Inc., Dept. CN, P.O. Box 546, Marmora, New Jersey 08223 U.S.A.

DENTAL FLOSS DISPENSER OFFERS UNIQUE USAGE -- "Floss Tip," a simple dental floss holder and dispenser, is said to enable users to emulate the manual flossing method recommended by dentists and dental hygienists. The product allows the user to reach molars with ease while keeping fingers out of the mouth, according to the firm. Floss tension can be controlled to avoid damage to the gums and the floss can be easily removed if it becomes stuck. "Floss Tip" includes a 32-m floss cartridge, cap and cutter priced from $1.62 to $2.10 with refills available. The firm seeks buyers, agents and distributors. WRITE: Paul E. Sanderson, Pres., Sanderson Products Corp., Dept. CN, P.O. Box 16005, Irvine, California 92713 U.S.A.

ALL NATURAL VITAMIN SUPPLEMENT -- Agents and distributors are sought for "Up Time," a nutrition supplement designed to increase energy and promote mental alertness, stamina, and vitality. This product helps replace nutrition lost through physical exertion, exercise, stress, dieting, and alcohol intake, according to the manufacturer. It comes in tablet form and is recommended for athletes, dieters, and people under stress. WRITE: Michael Scigliano, Chairman of the Board, Up Time, Inc., Dept. CN, 23987 Craftsman Rd., Calabasas, California 91302 U.S.A.

VOLUMETRIC FLOWMETER -- This firm's "Ultrasonic Blood Flowmeter" utilizes transit time principles to measure volume of blood flow directly, irrespective of flow profile, for long-term use on animals. Implantable flow sensors are designed for a loose fit around vessels. Available with single or dual channel, internal microprocessor, and multiplexer/scanner, the unit is priced from $4,800 to $8,000. Agents are sought. WRITE: Wendy Oliver, Sales & Mktg. Associate, Transonic Systems, Inc., Dept. CN, Cornell Research Park, 138 Langmuir Lab, Ithaca, New York 14850 U.S.A. Telex: 710-825-0435 ,TO 62:LSR012.

IMMUNOFLUORESCENT TEST -- Recommended for hospital, clinical, and reference laboratories that diagnose autoimmune- and sexually transmitted diseases, the "IPI Anti-nDNA-HCP (Human Chromosome Preparation) immuno- fluorescent Test System" eliminates the need for kinetoplast recognition. Highly specific for double-stranded nDNA, it is more sensitive than C. luciliae and easier to read than an ANA test, according to the manufacturer. Agents are sought for this test system, which is priced at $100. WRITE: Angelo R. Ceresa, Chief Exec. Officer, Immuno-Products Industries, Dept. CN, P.O. Box 286, South Bound Brook, New Jersey 08880 U.S.A. Telex: 22-0883 TAURIPI.

IMMUNODIAGNOSTIC KIT -- This firm's diagnostic test kits offer simple methodology and rapid diagnostic value. Pictured is the "PathoDX/Strep B Kit," which provides a latex agglutination technology designed to detect Streptococcus agalactiae antigen, a common cause of neonatal sepsis and meningitis. All necessary reagents are provided in the kit, which is available worldwide for immediate delivery. Prices for the firm's test kits range from $50 to $100. WRITE: Dr. S. Ziering, Pres., Diagnostic Products Corp., Dept. CN, 5700 W. 96th St., Los Angeles, California 90045 U.S.A. Telex: 472-0518.

DURABLE PLASTIC LABWARE -- Described as virtually unbreakable, the "Nalgene Plastic Labware" assortment is made from plastic resins formulated to provide such properties as chemical resistance, transparency, durability, and tolerance to heat. The set includes beakers, flasks, funnels, graduated cylinders, and centrifuge ware. WRITE: John J. Shackleford, Sales Mgr., Special Products Dept. - Intl., Nalge Co., Div. Sybron Corp., Dept. CN, 75 Panorama Creek Dr., Rochester, New York 14602. U.S.A. Telex: 97-8242.

INSULATED CONTAINER WITH LID -- The "Nicer Ice Bucket" is an unbreakable expanded polyvinyl chloride bucket designed to store perishables, lab tests, and cultures. Its lid can easily be cut to make openings for thermometers, culture tubes, flasks, or inlet-outlet cooling coils. Inert to salt, dry ice, acetone, and liquid nitrogen, the bucket cannot rust, leak, tarnish, or sweat, the firm states. It is 25 cm high and holds 3.8 liters. Distributors and end-users are sought for this product, which costs $45 (lab price). WRITE: Jerome Meyerowitz, Dir. of Sales & Mktg., Magic Touch Icewares Intl. Corp., Dept. CN, 1140 Broadway, New York, New York 10001 U.S.A. Telex: 42-9070.

PLATELET AGGREGATION UNIT -- This firm's "Whole-Blood Aggregometer" simultaneously measures platelet aggregation and ATP release in the same sample of blood. The tests represent "in-vivo" platelet behavior, and the technique also permits study of platelet aggregation when optical aggregation cannot be used, as in the presence of lipids or red cells, and in Bernard Soulier (giant platelet) patients. The price ranges from $5,000 to $12,000 WRITE: Bud Kohn, Admin. Asst., Chrono-log Corp., Dept. CN, 2 W. Park Rd., Havertown, Pennsylvania 19083 U.S.A. Telex: 83-1579.

PUMPTUBE AIDS BLOOD ANALYSIS -- The "Multitube" is an extended-life pumptube designed for clinical laboratories using the Technicon SMAC brand automated analyzer. Utilizing three pump segments for each tube instead of only one, this device, which costs 25/doz, reduces tubing replacements and requirements, resulting in savings for the laboratory. Agents and distributors are sought. WRITE: Stuart Lancaster, Vice Pres., Karlan Chemical Corp., Dept. CN, 23875 Madison St., Torrance, California 90505 U.S.A. Telex: 910-344-7397 Cable: KARCHEM.

CONVENIENT PROTEIN TEST -- The "QuanTest Total Protein Kit" is a colorimetric test system which uses a specially stabilized Coomassie blue reagent that requires no filtration or special preparation and has a three-year shelf-life at room temperature. This two-minute test, which requires no incubation, determines total protein directly on 50 ul of spinal fluid or urine. Agents are sought for the kit, which is available in four sizes and costs from $225 to $400. WRITE: Evy Stabile, Vice Pres., Intl. Mktg., Quantimetrix Medical Industries, Dept. CN, 11953 S. Prairie Ave., Hawthorne, California 90250 U.S.A. Telex: 18-1149 West LSA Attn: XQU.

KIT DETERMINES PIPET ACCURACY -- The "Volumetric Calibration Kit" contains a concentrate of Evans blue dye, a series of standard dilutions, diluent, and methodology for calibration of automatic pipetors, manual pipets, bacteriological loops, and microtiter dilutors. The range of pipet delivery covered by the $225 kit extends from 1 to 500 ul of liquid volume. The firm seeks agents and distributors of clinical laboratory products. WRITE: Evy Stabile, Vice Pres., Intl. Mktg., Quantimetrix Medical Industries, Dept. CN, 11953 S. Prairie Ave., Hawthorne, California 90250 U.S.A. Telex: 18-1149 West LSA Attn: XQU.

PROTEIN BASE FOR MEDICAL USE -- This firm's "Bovine Serum Albumin," produced by a cold ethanol fractionation, is said to be more than 99 percent pure and to cost about the same as lower purity albumin of 95 percent. Designed to replace "true" crystallized material in many applications, it is available in liquid or lyophilized form. Recommended for microbiological, reagent, serological, and other uses, this albumin is available as salt-free, low ash, low heavy metals, isotonic, sterile, or with preservatives. Agents are sought. WRITE: Marc M. McKonic, Pres., Biocell Laboratories, Dept. CN, 1117 E. Janis St., Carson, California 90746 U.S.A. TWX: 910-346-7715.

TISSUE EMBEDDING MOLDS -- "Peel-A-Way Tissue Embedding Molds" eliminate trimming, saving time, paraffin, and money, the firm states. Ready to use, they require no cleaning, preparation, or assembly. Permanent identifi- cation may be embedded in a paraffin block. Five convenient sizes from 8 x 8 mm to 22 x40 mm are available in rectangular and truncated forms. The molds can be used with the firm's own embedding media or other paraffin and non-paraffin media. Agents are sought for this product, which costs from $12 to $16/case less distributor discount. WRITE: Sally Dempster, Vice Pres., Peel-A-Way Scientific, Dept. CN, 1800 Floradale Ave., South El Monte, California 91733 U.S.A.

RADIOPHARMACEUTICAL ANALYSIS -- The "Quali/Check" can be used by hospitals, medical laboratories, clinics, and universities for radiopharmaceutical purity analysis. The microprocessor-controlled unit allows for error-free operation with complete analysis in as little as 5 minutes, according to the firm. Independent of isotope energy, it performs background subtraction on a continuous basis and displays the percentage of the bound and hydrolyzed radiopharmaceutical. Agents are sought for this instrument, which costs from $1,900 to $2,300. WRITE: David Reynolds, Mgr., Mktg., Viva-Tek, Dept. CN, 685A Myrtle Ave., Boonton, New Jersey 07005 U.S.A.

BLOOD COLLECTION AND MEASUREMENT DEVICE -- The "Iso-Scale" collects, measures, and stops the flow of blood taken from donor patients. Designed to insure safe, accurate collection of blood, the unit is sturdy, easy to maintain, and compact, measuring 203.20 mm long, 50.80 mm wide and 101.60 mm high. Agents are sought for this device, which costs approximately $200. WRITE: R. Shawn White, Vice Pres., Operations, GCI Georgco, Inc., Dept. CN, 2337 Minnis Dr., Fort Worth, Texas 76117 U.S.A.

TEST FOR BACTERIAL PYROGENS -- This firm's "Limulus Amebocyte Lysate (LAL)" is an in-vitro analytical test for the detection of bacterial pyrogens in injectable pharmaceuticals and medical devices. Designed to replace the rabbit test for the detection of pyrogens, this system is described as more sensitive, more accurate, less costly, faster and easier to perform. It is also used for the detection of aseptic meningitis. WRITE: James J. Finn, Pres., Marine Biologicals, Inc., Dept. CN, 1731 S. Shore Rd., P.O. Box 546, Marmora, New Jersey 08223 U.S.A. Telex: 33-3910.

LONG TERM STORAGE OF BIOLOGICAL SPECIMENS -- The "Model UC-110 Biological Storage Unit" is designed for use in medical schools, universities, hospitals, and research laboratories. This refrigeration unit has a .34 m3 capacity and adjustable temperature to -75o C. Shelves are adjustable every 1.27 cm, and two ID portholes provide access to the interior. Another feature is a comprehensive alarm with rechargeable battery and provision for remote alarm hookup. The average price is $3,000/unit. The firm seeks distributors. WRITE: J.E. Hirssig, Vice Pres., Scientific Div., Kelvinator Scientific, Dept. CN, 621 Quay St., Manitowoc, Wisconsin 54220 U.S.A. Telex: 910-260-3507.

TEST FOR STAPH INFECTIONS -- "Endo-Staph" is an antibody test kit for use on human sera to detect deep-seated staphylococcal infections. It involves a double diffusion procedure which can be done by anyone with clinical laboratory experience. Priced at $85, this product will be of special interest to physicians specializing in infectious disease. Agents and distributors are sought. WRITE: M.R. Stagaman, Intl. Mktg. Mgr., Meridian Diagnostics, Inc., Dept. CN, 3471 River Hills Dr., Cincinnati, Ohio 45244 U.S.A.

STOOL TRANSPORT SYSTEM -- The "Para-Pak PVA-Formalin" two-vial system provides a standardized procedure for routine collection, transport, preservation, and examination of stool specimens suspected of containing intestinal parasites. One vial contains low-viscosity polyvinyl alcohol, the other 10 percent formalin. Both vials have collection spoons built into their caps and are packaged in a styrofoam container for easy handling. Agents or distributors are sought for this product which costs $1.75/unit. WRITE: M.R. Stagaman, Intl. Mktg. Mgr., Meridian Diagnostics, Inc., Dept. CN, 3471 River Hills Dr., Cincinnati, Ohio 45244 U.S.A.

KIT AIDS IN DIAGNOSIS OF CRYPTOCOCCOSIS -- The "Cryptococcal Antigen System" is a $125 kit that provides all the reagents necessary to test human spinal fluid or serum for indications of the fungal disease caused by Cryptococcus neo- formans. According to the firm, the test can be performed by anyone trained in basic clinical microbiology or immunology. Agents and distributors familiar with the hospital laboratory market are sought. WRITE: M.R. Stagaman, Intl. Mktg. Mgr., Meridian Diagnostics, Inc., Dept. CN, 3471 River Hills Dr., Cincinnati, Ohio 45244 U.S.A.

BLOOD COLLECTION SYSTEM -- The "Benne Collector" is designed to simplify blood taking and testing. Drawing one-twentieth the traditional amount of blood taken, it requires one minute to separate the blood ingredients for testing, and less than two minutes to allow for clotting. This device can be effectively used by paramedics for venous or finger-stick routines. Agents are sought. WRITE: Elmer Bennett, Pres., Bennett Medical Systems, Dept. CN, 22nd & Washington Ave., Philadelphia, Pennsylvania 19146 U.S.A.

ULTRAVIOLET SIMULATOR -- This firm's "Solar Ultraviolet Simulator" reproduces the solar ultraviolet spectrum at high intensity, allowing for the controlled study of skin reactions to ultraviolet radiation, drug phototoxicity, and materials resistance to ultraviolet radiation. Elimination of visible and infrared radiation allows the ultraviolet intensity to be from 10 to 15 times greater than in sunlight without causing thermal discomfort. The simulator can be used to determine the sun protection factor of sunscreens and to accelerate the testing of plastics and paints. Agents are sought. WRITE: Daniel Berger, Pres., Solar Light Co., Inc., Dept. CN, 6655 Lawnton Ave., Philadelphia, Pennsylvania 19126 U.S.A.

AMBULATORY CARDIAC MONITOR -- The "Monitor One" is a compact, self-contained unit that recognizes, records, and retrieves information on 11 parameters of cardiac function. Physicians may choose to use it to capture events over longer periods of time, such as one day to one month of information. The unit can also be programmed to alert the patient to a risk occurrence. Agents and distributors are sought for this $4,000 device. WRITE: Michael W. Cox, Pres., Q-Med, Inc., Dept. CN, 67 Walnut Ave., Ste. 403, Clark, New Jersey 07066 U.S.A. Telex: 31-7109.

STEREO COLPOSCOPE -- The "Gyne-Tech B101A Series" provides clear, distortion-free, magnified stereo views of the cervix, vagina, and vulva. Combining superior optics with advanced electronics and high-quality installation components, this versatile unit can be installed in three modes -- tilt stand, table mount, or roll-around -- making it suitable for office, clinic, or hospital. Simple to use and ruggedly built, the unit is priced from $2,700 to $5,600. Agents are sought. WRITE: Roy Shapiro, Sales, Mgr., Gyne-Tech Instrument Corp., Dept. CN, 1111 Chestnut St., Burbank, California 91506 U.S.A. Telex: 67-3424.

COMPACT ANGIOGRAPHIC CATHETER -- This firm's "Angiographic Catheter" is said to have thinner, stronger walls and larger lumens than other catheters, enabling the angiographer to deliver higher flow rates at lower pressures with little whipping action and less potential for trauma. Pigtail and aortic flush catheters are available in sizes 4 to 8 French in varying lengths. The price ranges from $16 to $25. WRITE: Randy Dennis, Product Mgr., Mallinckrodt, Inc., Dept. CN, 675 McDonnell Blvd., P.0. Box 5840, St. Louis, Missouri 63134 U.S.A. Telex: 44-7245. Cable: MALINKRODT STL.

OCULAR PNEUMO PLETHYSMOGRAPH -- The "Gee/O.P.G., Model OPG-2 LP" provides rapid screening of potential stroke patients for hemodynamically significant carotid artery stenosis. It records simultaneous bilateral ophthalmic artery systolic pressure. Said to have a high degree of patient acceptance, this instrument features simplified microprocessor operation to mini reduce the chance of error and requirement levels for technologist training. Priced at $11,750, the "Gee/0.P.G." allows for rapid and simple interpretation. WRITE: Don Kjartanson, Mktg, Mgr., Electro-Diagnostic Instruments, Dept. CN, 3401 Winona Ave., Burbank, California 91504 U.S.A. Telex: 36-4412INTR ID#462.

PRECISION BEAM ANALYSIS -- The "CMS Dosimetry System" consists of individual components which may be configured into isodose plotting systems to develop customized measuring apparatus or interface to the CMS Modulex Computer for more exhaustive dosimetry studies. Each system features automatic isodose plotting and profile cross plotting. All plots, percentage density, percentage dose, or normalized profiles may be presented lifesize on an X-Y recorder for rapid interpretation and comparison. The price ranges from $17,000 to $44,000. WRITE: David N. Christensen, Dir. of Sales, Computerized Medical Systems, Inc., Dept. CN, 2294 Weldon Pkwy., St. Louis Missouri 63146 U.S.A. Telex: 38-2023.

CARDIAC PROBE -- The "Nuclear Stethoscope Cardiac Probe," used with the firm's LVM/System I patient data management computer, provides a mobile, simple, non-invasive way to gain comprehensive data about cardiac function on a real-time and long term basis. Hundreds of these systems are now used around the world for diagnosis of cardiac disease and monitoring the effects of various patient therapy programs, according to the firm. Agents and distributors are sought for this $30,000 system. WRITE: Dean Gray, Mgr., Intl. Mktg. & Sales, Bios, Inc., Dept. CN, 503 Grasslands Rd., Valhalla, New York 10595 U.S.A. Telex: 697-1174.

OPTHALMIC A-SCAN/PACHOMETER -- The versatile "Ophthasonic A-Scan/Pachometer" performs functions of both an opthalmic A-scan and a pachometer, measuring the axial length as well as the cornea thickness of the eye. The compact unit features an internal printer, LED display, audible signal upon correct probe alignment, and hard tip probes. Distributors are actively sought for this $7,995 device. WRITE: Scott B. Bollinger, Medical Sales Mgr., Teknar, Inc., Dept. CN, 267 Wolfner Dr., Fenton, Missouri 63026 U.S.A.

NEW SPIROMETER -- The "SMI III" is a 10-liter volumetric spirometer designed for in-office pulmonary function screening. Patient prompting with incentive display and microprocessor-based circuicry automatically calculates test results while data also appears on an LED digital display. Test information is permanently recorded on a printed tape as actual, predicted, and percent predicted. Features include automatic best test selection and immediate volume/time trace of the patient maneuver on file-sized charts. Agents are sought for this $4,200 product. WRITE: William G. Keene, Pres., Spirometrics, Inc., Dept. CN, 26 Essex St., Andover, Massachusetts 01810 U.S.A. Telex: 29-4116 Bostlx.

NONINVSASIVE INFRARED THERMOMETER -- The "Medi-Therm Skin Thermometer" is designed for precision surface temperature measurements, a useful technique in finding underlying abnormal conditions. It has a resolution of .1o F or .1o C, accuracy of + .25o F or + .25o C, response time of less than 1 sec, and a liquid crystal display readout. Agents are sought. Write: Marilyn M. Everest, Vice Pres., Intl. Mktg., Everest Interscience, Inc., Dept. CN, 1120 S. Raymond Ave., Ste. D, Fullerton, California 92631 U.S.A. Telex: 29-5368.

TWO-WAY BREATHING MASK -- Developed for use in pulmonary function, exercise and stress testing, the "Stress Test Breathing Mask" is recommended for patients who have difficulty using the more common mouthpiece, nose clip, and two-way non-rebreathing valve setup. Molded of a durable, resilient silicone rubber, the face piece features a soft double-lip facial seal with a chin nest to prevent slipping. Available in three sizes, the mask costs from $175 to $182. Agents are sought. WRITE: John Rudolph, Vice Pres., Hans Rudolph, Inc., Dept. CN, 7200 Wyandotte St., Kansas City, Missouri 64114 U.S.A.

PORTABLE RADIATION MONITOR -- This firm's portable, battery-operated "Radiation Monitor" is used to verify proper operation of X-ray machines and other radiation sources. It uses ion chambers with a converter to measure exposure rate, integrated exposure, pulse exposure, and pulse duration. Features include digital signals, automatic temperature compensation, and barometric pressure adjustment. The company seeks agents and distributors for this monitor, which costs from $3,000 to $6,000. WRITE: Deborah K. Blackstone, Sales Mgr., Radcal Corp., Dept. CN, 426 W. Duarte Rd., Monrovia, California 91016 U.S.A. Telex: 18-2910 MDH IND MROV.

PODIATRY X-RAY -- Designed for diagnostic foot X-rays, the "P-700" features a counter-balanced arm for easy source movement for different views while maintaining the source-to-skin distance. The simple, sturdy design incorporates electronic controls that are easy to calibrate and a digital timer that accommodates fast or slow film. The unit's specifications are 50 to 70 kVp at 10 or 15 mA. Floor, wall, and mobile units are available for $5,000. Agents are sought. WRITE: William W. Morris, Pres., X-CEL X-ray Corp., Dept. CN, 4220 Waller Dr., P.O. Box 67, Crystal Lake, Illinois 60014 U.S.A.

DIAGNOSTIC IMAGING OF THE EYE -- The innovative "Ophthasonic B-Scan" provides a high-quality image of the eye from the smallest probe available, the firm states. This compact, easy-to-use unit features a large 17.8-cm CRT for easy viewing and simple front panel controls for image manipulation. These features, along with a foot-controlled freeze frame, help in tissue differentiation and diagnosis. Distributors and agents are sought for this $7,995 machine. WRITE: Scott B. Bollinger, Medical Products Sales Mgr., Teknar, Inc., Dept. CN, 267 Wolfner Dr., Fenton, Missouri 63026 U.S.A.

EXTREMITY X-RAY -- Designed for use in hospitals and small clinics, the "Extremity X-Ray Model P-900M/AC" features adjustable 50 to 60 kVp and a choice of stabilized 10 or 15 mA. It includes adjustable collimation with visual definition of the perimeter of the X-ray field. The digital timer has gold switch contacts for long life. Self-lubricating bearings are used at all important pivots. Agents are sought for this sturdy mobile unit priced at $5,500. WRITE: William W. Morris, Pres., X-Cel X-Ray Corp., Dept. CN, 4220 Waller Dr., P.O. Box 67, Crystal Lake, Illinois 60014 U.S.A.

X-RAY CASSETTE HOLDER -- This firm's "Flexi-Holder is a device which securely holds and positions X-ray cassettes. Designed to eliminate X-ray retakes caused by improper positioning, this sturdy, economical unit is extremely versatile and can achieve any diagnostic or therapeutic angle, according to the manufacturer. Agents are sought for this unit, which is priced from $1,000 to $1,500. WRITE: Terry J. Chwalk, Sales Mgr., Huestis Machine Corp., Dept. CN, 68 Buttonwood St., Bristol, Rhode Island 02809 U.S.A. Telex: 95-2128.

X-RAY TREATS SKIN DISORDERS -- The "Grenz Therapy X-Ray System" features variable kVp and mA control for treating superficial skin disorders. The tube's beryllium window allows transmission of very low-energy X-rays. The wall-mounted model has self-lubricating bearings at all important pivots and is supported at the wall with a pillow-block type pivot. All wiring is concealed in the tubular steel extension arm. Agents are sought for this $6,000 system. WRITE: William W. Morris, Pres., X-Cel X-Ray Corp., Dept. CN, 4220 Waller Dr., P.O. Box 67, Crystal Lake, Illinois 60014 U.S.A.

DIAGNOSTIC IMAGING PAPER -- "Powermat VRP-1" is described as a unique image recording film. Coated on an opaque base, it requires no view box for physician diagnosis. It faithfully records images produced in ultrasound, CT, nuclear medicine, MRI, and digital radiography. Compatible with all hardware and systems, it saves time and money, the firm states. Agents and distributors are sought for this product, which sells for $1/.09m2. WRITE: W. Robert Holloway, Pres., Powers X-Ray Products, Dept. CN, Charles St., Glen Cove, New York 11542 U.S.A. Telex: 686-2385 CHMSYS.

COMPACT X-RAY FILM PROCESSOR -- Film can be processed in as little as 90 seconds with the "Hope X-Ray Film Processor." This compact unit is said to produce ready-to-use radiographs at a rate of more than 180 35.5- x 43.2-cm films/h. Quality construction of stainless steel and ABS plastics assures durability and easy maintenance. WRITE: Donald R. Hill, Mktg. Mgr., Hope Industries, Inc., Dept. CN, 3701 Moeland Rd., Willow Grove, Pennsylvania 19090 U.S.A. Telex: 83-4647.

ULTRASONIC SCANNER -- The "DS1050/1060 Ultrasonic Scanner" combines the advantages of CW Doppler flow velocity imaging with real-time color spectral display, and high resolution, real-time B-Mode imaging with pulsed Doppler for vascular and small parts scanning. CW Doppler localizes and quantifies moderate-to-severe carotid artery stenosis, while B-Mode scanning detects less than 50 percent artherosclerotic disease, provides high resolution imaging on nonechogenic soft plaque, and spots surface ulceration. Agents are sought for this system which costs from $40,000 to $70,000. WRITE: C. Roger Jones, Vice Pres., Mktg., Carolina Medical Electronics, Inc., Dept. CN, P.O. Box 307, King, North Carolina 27021 U.S.A. Telex: 80-6442.

OXYGEN MONITOR -- This firm's new "TED Medical Oxygen Analyzer" provides continuous analysis of oxygen in respirators, incubators, and other medical equipment where specific monitoring of oxygen levels is vital. It is available with or without adjustable alarms, with analog or digital displays, and with audible and visual alarm indicators. Described as easy-to-use, durable, and cost-effective, the unit costs from $230 to $650. Agents are sought. WRITE: Dennis Antieau, Product Line Mgr., Teledyne Electronic Devices, Dept. CN, 16830 Chestnut St., City of Industry, California 91749 U.S.A. Telex: 910-584-1887.

SCALE FOR BEDRIDDEN PATIENTS -- The durable "Acme 'IN-BED' Scale" is a mechanical beam and lever weighing system. The scale positions the bedridden patient on a rigid padded weighboard. It can also be used with ambulatory patients standing on a special lower platform. Features include a hydraulic lifting system, four swivel wheels, and a scale lock that is independent of the wheels. The scale requires underbed clearance of 200 mm and is available in capacities of 200 kg x 100 g and 200 kg x 10 g. The price ranges from $3,200 to $3,400. WRITE: Laura Nakatani, Medical Sales, Acme Scale Co., Dept. CN, 1801 Adams Ave., San Leandro, California 94577 U.S.A.

HOME TREATMENT FOR INFANT JAUNDICE -- The "Baby-Lite" is a portable phototherapy unit designed for home treatment of infant jaundice. The device is economical, compared to in-hospital treatment, according to the firm, and it is easy to use and compact in size. The unit is said to provide hospital-quality treatment in a warm, comfortable environment. Distributors are sought for this patented system, which is priced from $1,225 to $2,945. WRITE: David J. Lester, Pres., Rocky Mountain Medical Corp., Dept. CN, 5680 S. Syracuse Circle, Greenwood Village, Colorado 80111 U.S.A. Telex: 38-4014 U.S.A.

PORTABLE BATH LIFT -- The "Tubmate" safely and gently lowers and raises a patient into and out of the bathtub. It has a 43.2- x 43.2-cm easy-access seat with dual armrests and armrest-mounted raise-lower control. Other standard features include a 43.2-cm maximum lifting height, a "swivel-to-exit" function to clear the side of the bathtub, and a durable white epoxy powder coat finish that will not mar a bathtub's porcelain finish. Options include a 48.3-cm lifting height and a seatbelt. Dealers are sought for this device, which is priced from $275 to $300. WRITE: R.F. Thomas, Jr., Vice Pres., Mktg., American Stair-Glide Corp., Dept. CN, 4001 E. 138 St., Grandview, Missouri 64030 U.S.A.

DURABLE CHAIR SCALE -- The "Acme Chair Scale with Swing-A-Way Arm" (Model 4060-MV) has a rugged, durable mechanical beam and lever weighing system. The arm opens a full 180o for easy patient transfer and locks shut for safety. The scale is easy to maneuver on 130-mm diameter front wheels and full-swivel rear casters. The scale lock is independent of the wheels. Capacity is 250 kg x 100 g. WRITE: Laura B. Nakatani, Medical Sales, Acme Scale Co., Dept. CN, 1801 Adams Ave., San Leandro, California 94577 U.S.A.

LIGHTWEIGHT HOSPITAL SCALE -- The "Acme Model 5000 'Lift-Weigh' Scale" has a strong nylon stretcher fabricated of antibacterial material onto which the bedridden patient is positioned for easy weighing. The battery-operated unit features push-button digital readout for simple, quick operation, a hydraulic lift system, four full-swivel ball bearing casters for easy maneuverability, and locking rear swivel casters. A battery charger is included. Priced at $3,000, the scale has a capacity of 200 kg x 100 g. WRITE: Laura Nakatani, Medical Sales, Acme Scale Co., Dept. CN, 1801 Adams Ave., San Leandro, California 94577 U.S.A.

PULSED SHORTWAVE DIATHERMY -- "Magnatherm," a shortwave diathermy system, offers two independent inductive treatment heads, allowing treatment of one area from two directions or treatment of two areas at the same time. A built-in oscilloscope provides continuous monitoring for proper placement of the treatment heads. Priced at $9,995 the unit is said to provide for lowest r.f. and current leakage. Agents and distributors are sought. Write: Eugene P. Lipsky, Pres., International Medical Electronics, Ltd., Dept. CN, 2805 Main St., Kansas City, Missouri 64108 U.S.A.

MOTORIZED SUPPORT FOR HANDICAPPED PERSONS -- This firm's "Moto-Stand" is a fully adjustable, occupant-operated motorized vehicle for supporting handicapped persons in a standing position for working with their hands. The three-wheeled unit holds the occupant erect and provides support against backward or forward body movement. Controls for direction, speed, and braking are within easy reach. The price ranges from $2,500 to $3,300. WRITE: L.J. Lynch, Mktg. & Sales Mgr., The Advanced Technology Corp., Dept. CN, 3161 Wyandotte St., Kansas City, Missouri 64111 U.S.A.

MEDICAL-DENTAL FIELD TREATMENT CHAIR -- The "Voyager 211-Series 29" is designed for rugged daily use in both field and clinical settings by dentists, oral surgeons, podiatrists, and cardiac emergency services. Made of baked-powder, epoxy-coated aircraft aluminum and polycarbonate extrusions, the unit is extremely light, thin, and rigid. Weighing from 10.9 to 30.9 kg, it requires less space than conventional alternatives, according to the firm. Agents and distributors are sought for this chair, which costs from $1,195 to $2,383. WRITE: Dr. John L. Manuel, Pres., Jayman Design, Inc., Dept. CN, 786 N. Ridge Rd., Wichita, Kansas 67212 U.S.A.

WHEELCHAIR FOR CHILDREN -- The "SIC II Custom System" is designed to meet the needs of all physically handicapped children. The wheelchair allows for proper positioning to normalize tone, prevent deformity, and ensure comfort. The transportable unit is made to adapt to the child's developmental and chronological growth. Agents are sought for the wheelchair, which costs from $500 to $750. WRITE: William Kofoed, Vice Pres., Mktg. & Sales, SIC Companies, Inc., Dept. CN, 147 Eady Court, Elyria, Ohio 44035 U.S.A.

MANUAL VACUUM SYSTEM -- The "IPAS Manual Vacuum System" is a sturdy, effective, nonelectric vacuum apparatus for uterine aspiration. It can be used as the physician's primary vacuum source or as a back-up to the more expensive electric pump. The system features a 750-ml collection flask and hand-operated vacuum pump. Its uses include, but are not limited to, endometrial biopsy and treatment of irregular menses. Described as a safe, simple alternative to traditional dilation and curettage, the instrument sells for $235. Write: Katie Early McLaurin, Sales & Mktg. Mgr., IPAS, Dept. CN, P.O. Box 100, Carrboro, North Carolina 27510 U.S.A. Cable: IPAS.

PHOTOTHERAPY UNIT TREATS JAUNDICED INFANTS -- The "Alpha-Lite" has been clinically proven to be more effective than standard phototherapy treatment, the manufacturer states. Designed to reduce the need for exchange transfusions, the unit surrounds the baby with 360o of light treatment and offers visibility, warmth, and easy access. Equipped with adjustable light banks, the versatile device can treat different levels of jaundice. Distributors are sought for this unit, which costs between $7,000 and $12,000. WRITE: David J. Lester, Pres., Rocky Mountain Medical Corp., Dept. CN, 5680 S. Syracuse Circle, Greenwood Village, Colorado 80111 U.S.A. Telex: 38-4014.

WARM WATER RELAXATION -- Designed to provide deep relaxation, to reduce stress, blood pressure and heartrate, and to speed healing, this firm's "Relaxation Tank" is constructed of strong, attractive, double-walled fiberglass and insulated to R-20 for energy efficiency. The water is kept clean by a 3/4 hp Hayward pump, motor, and filter unit, with a spin filter for easy service. Agents are sought for this unit, which costs $3,400 plus shipping. WRITE: Bob Williams, Pres., Red Lion Relaxation Tanks, Inc., Dept. CN, 248 S. Burrowes St., State College, Pennsylvania 16801 U.S.A.

TREADMILL FOR STRESS TESTING AND REHABILITATION -- Durable and compact, the "Pritikin Promise" features a spacious, low-friction running deck and quiet operation. Also included are safety footpads for comfortable deck mount and dismount and a manual speed lever with a safety on-off feature. Recommended for hospitals, clinics, and homes, this treadmill costs from $1,271 to $3,900. WRITE: David Primo, Mktg. Dir., Trotter Treadmills, Inc., Dept. CN, 24 Hopedale St., P.O. Box 103, Hopedale, Massachusetts 01747 U.S.A.

ALIGNMENT SYSTEM FOR RADIATION THERAPY -- The "Ther-A-Cross Laser Alignment System" provides precise reference to radiation beam parameters for simple, accurate, and reproducible patient positioning. This time-saving system includes four lasers, one to project a sagittal line to "square" the patient, and three others to define the transverse plane and horizontal reference, including isocenter identification. Dealers are sought for this system, which costs from $7,000 to $8,000. WRITE: Art White, Intl. Sales Mgr., Gammex, Inc., Dept. CN, Milwaukee Regional Medical Center, 9722 W. Watertown Plank Rd., P.O. Box 26708, Milwaukee, Wisconsin 53226 U.S.A. Telex: 26-0371.

PORTABLE BATH/TRANSFER BENCH -- "Tubby II" is a padded folding chair designed to transfer patients in and out of the bathtub and to provide comfort when bathing. The easily reversible chair has left- or righthand transfer and folds for transport or storage. Priced at $250, this product has a handy carrying bag as an option. Agents or distributors are sought for this newly developed product. WRITE: Charles Nearing, Mktg. Dir., Activeaid, Inc., Dept. CN, One Activeaid Rd., Redwood Falls, Minnesota 56283 U.S.A.

LAPAROSCOPY SYSTEM -- The "KLI Laprocator" is said to be the only instrument of its kind that combines straight optics with the silastic band applicator, yet it can be modified in minutes to be used as a diagnostic instrument. According to the manufacturer, this widely used instrument is effective for safe and economical female sterilization, and is ideal for outpatient clinics. Agents and distributors are sought for this device, which ranges in price form $1,000 to $6,500. WRITE: Loretta M. Dudek, Intl. Sales Admin., Cabot Medical Corp., Dept. CN, 2021 Cabot Blvd. W., Langhorne, Pennsylvania 19047 U.S.A. Telex: 510-667-2280.

GENERAL SURGICAL TABLE -- This firm's "Radi-Op Surgical Table," which features a full-length radiotranslucent table top and longitudinal slide, allows for either conventional X-ray or C-arm exam without removing or reversing the patient, and features leg section which raises up to 90 degrees. Qualified agents and distributors are sought for the firm's operating tables, which range from $12,000 to $20,000. WRITE: Bruce T. Hord, Corp. Mgr., Intl. Sales & Mktg., Shampaine Div. - Affiliated Hospital Products, Inc., Dept. CN, 1875 Harsh Ave. SE., Massillon, Ohio 44646 U.S.A. Telex: 98-3443.

STERILIZATION UNIT -- Equipped with automatic controls, the "Pro-Genesis" provides accurate and reliable sterilization of products for laboratory and medical uses. The unit features a range of processing cycles and engineering to provide also for repeatable manually directed procedures. Said to reduce energy consumption, sterilization time, and operation and maintenance expenses, the unit costs from $20,000 to $50,000. The company is interested in direct sales leads and agents with medical sales contacts. WRITE: William M. Hargest, Intl. Mktg. Mgr., Sterilizers, Environmental Tectonics Corp., Dept. CN, County Line Industrial Park, Southampton, Pennsylvania 18966 U.S.A. Telex: 24-4926 ETC UR.

MOBILE PATIENT LIFTER -- Easily operated by one attendant, the battery-powered "Patient Lift" raises patients weighing up to 270 kg for bathing and other treatment. Its base fits around or under any size tank, and its adjustability permits a patient to be picked up at any level and lifted as high or low as needed. Agents and distributors are sought for this device, which costs less than $3,000. Six optional attachments are available. WRITE: William A. Pressprich, Pres., National Sales Co., Dept. CN, 209 W. Johnson, Saginaw, Michigan 48604 U.S.A.

HIGH-INTENSITY EXAMINING LIGHT -- The "Hi-Lo Adjustable Floor Lamp" provides halogen lighting with 30 to 50 percent more intensity and a bulb life twice as long as incandescent models, according to the firm. Available for 110 V 60 cycle 20 voltamps, this lamp has an adjustable stand whuch telescopes from .9 to 1.7 m. Also available in a wall-mounted version, the light costs from $160 to $280. WRITE: John Good, Pres., Good-Lite Co., Dept. CN, 1540 Hannah Ave., Forest Park, Illinois 60130 U.S.A. Telex: 53-2871.

SWIMMING POOL LIFT -- The "Nolan Poolift" is a self-operated lifting device for people who have difficulty entering or leaving a swimming pool. Powered by normal water pressure (40 PSI) through a garden hose, it has upper and lower controls and turns automatically over the deck for easy wheelchair access. The corrosion-proof stainless steel frame offers flexibility of mounting. Agents and stocking distributors are sought for this product which costs from $1,100 to $1,900. WRITE: Linda Nolan, Vice Pres., J.E. Nolan & Co., Dept. CN, 1826 Laser Lane, Louisville, Kentucky 40299 U.S.A.

VERSATILE WHEELCHAIR -- The "Penox Wheelchair" features removable desk-length arms, cam-operated swing-away footrests, or elevating legrests. The wheelchair's polished stainless steel construction allows for easy maintenance, eliminating chrome chipping and rust problems. The price ranges from $200 to $300. WRITE: Richard Sobin, Intl.

Mktg. Mgr., Penox Technologies, Inc., Dept. CN, One Penox Plaza/Commerce Rd., Pittston, Pennsylvania 18640-0785 U.S.A. Telex: 88-7197.

CONVENIENT PORTABLE WHEELCHAIR -- Tough enough for sports as well as everyday use, the "Rolls Folding 500 Wheelchair" folds easily and features a lightweight, durable titanium frame and two-piece flame-retardant, water-repellent upholstery. It offers a wide variety of elements for comfort and efficiency, including lightweight wheels and high-performance casters that roll on precision-sealed bearings. Distributors are sought for this $1,435 wheelchair. WRITE: Diane Dersi, Intl. Sales Adm. Mgr., Invacare Corp., Dept. CN, 899 Cleveland St., Elyria, Ohio 44035 U.S.A. Telex: 687-3185 ICARE UW. Cable: INVACARE.

WATER-POWERED BATH LIFT -- Placed in the bathtub, the portable, totally water-powered "Nolan Tublift" ascends and descends and swivels to the side for easy transfer. Connected through a hose to the shower or spout, it uses normal water pressure (minimum 20 PSI) to lift up to 135 kg. This self-operating unit costs from $250 to $500, and optional accessories are available. The company seeks agents and stocking distributors. WRITE: Linda Nolan, Vice Pres., J.E. Nolan & Co., Inc., Dept. CN, 1826 Laser Lane, Louisville, Kentucky 40299 U.S.A.

VERSATILE COLOR VIDEO CAMERA -- Small and lightweight, the "MV 9385 MicroSaticon Color Camera" weighs only 100 g and is soakable for disinfection. It can be attached directly to hand-held surgical optical tools to televise surgery. The high resolution image, color reproduction, and light sensitivity show pathology accurately, according to the firm. The tiny camera costs from $8,200 to $10,000. WRITE: Mary Morton, Intl. Sales Coordinator, Circon Corp., Dept. CN, 749 Ward Dr., Santa Barbara, California 93111 U.S.A. Telex: 65-8472.

PORTABLE EEG MONITOR -- This firm's portable, computerized "Lifescan EEG Monitor" provides the fifth vital sign of cerebral electrical activity. Advanced real-time wave-by-wave analysis (aperiodic and not averaging) is scrolled on a three-dimensional, dual hemisphere, full color video display, said to simplify pattern recognition and eliminate the need for continuous chart recording. Agents are sought for this $8,000 monitor. WRITE: Cheri M. Hawes, Dir. of Mktg. & Planning, Neurometrics, Dept. CN, 5720 Oberlin Dr., San Diego, California 92121-1723 U.S.A. Telex: 69-7169.

VISUAL FIELD SCREENING DEVICE -- This firm's new "Automatic Tangent Screen" allows for fast, inexpensive automatic visual field testing without requiring a highly skilled technician or large equipment investment. The screen features microcomputer circuitry, said to assure accuracy and efficiency, and a compact size, measuring 106.7 cm wide, 96.5 cm high, and 10.16 cm deep. It weighs 15.75 kg and costs $2,995. WRITE: Warren W. Webb, Pres., The Computation Co., Dept. CN, 7748 Opportunity Rd., San Diego, California 92111 U.S.A.

TELERADIOLOGY DEVICE -- Designed to facilitate rapid diagnosis and allow a medical specialist to serve several different hospitals, the "SSTV Teleradiology System" is used to transmit high-quality still video images of X-rays, CT, and nuclear scans from one location to another by telephone, microwave, or satellite subcarrier. The video transceiver uses a standard CCTV camera and monitor and is configured for 625-line standards. The price ranges from $14,000 to $24,000. WRITE: Carol Breneman, Export Mgr., Colorado Video, Inc., Dept. CN, P.O. Box 928, Boulder, Colorado 80306 U.S.A.

LIGHTWEIGHT MEDICAL CAMERA -- Agents are actively sought for the "RX-61 Miniature Color Camera," used for surgical applications, including surgical microscopes, arthroscopes, and other flexible endoscopes. Its small size, lightweight, solid-state image sensor, soakable waterproof housing, and high sensitivity make it an ideal cost-effective solution for many medical-video applications, according to the firm, which prices the camera between $7,000 and $8,000. WRITE: Mktg. Dept., AFP Imaging Corp., Dept. CN, 50 Executive Blvd., Elmsford, New York 10523 U.S.A. Telex: 13-1640.

INTERFACE FOR STRESS TEST ANALYSIS -- The "VISTA" interfaces the Apple or IBM personal computer to an air flow meter, O2 and CO2 analyzers, and a heart rate monitor. Based on acquired data, "VISTA," with the computer, calculates these physiological variables: Vi, Ve, VO2 ml/kg, HR, RR, and RQ. It then displays them as often as every ten seconds. Stored on a disk, the data can be printed out as a report. The interface costs $2,500. A $10 demonstration disk is available. WRITE: Ron Thomson, Product Mgr., Vacumed, Dept. CN, 2261 Palma Dr., Ventura, California 93003-5789 U.S.A. Telex: 499-1689. Cable: VACUX.

SURGICAL LASER -- This firm's "930 Series Surgical Laser" offers a variety of exclusive high-tech features, including a "SLO-FLO" gas system, synchronous excitation, "HeNe Quick Adjust," electronic shutter, and digital LED display. Optional equipment includes a variable spot size handpiece, variable super pulse, and smoke evacuation systems. Agents are sought for this compact unit, which operates on 115 VAC 60 Hz. WRITE: Roy Shapiro, Sales Mgr., Gyne-Tech Instrument Corp., Dept. CN, 1111 Chestnut St., Burbank, California 91506 U.S.A. Telex: 67-3424.

UNIT MEASURES ISOTOPES RADIOACTIVITY -- The "Radcal Radionuclide Calibrator" is a microprocessor-controlled electronic instrument which measures the radioactivity of isotopes used in nuclear medicine. There is no restriction on half-life or calibration factor. The device features wide measurement range without range switching, fast response, excellent linearity and reproducibility, modular design, manual and automatic modes, and splash-proof keyboard. Agents and distributors are sought for this instrument, which costs from $4,500 to $8,900. WRITE: Deborah K. Blackstone, Sales Mgr., Radcal Corp.; Dept. CN, 426 W. Duarte Rd., Monrovia, California 91016 U.S.A. Telex: .18-2910 MDH IND MROV.

COMPUTER-OPERATED LENS DRILLER -- The "#2002 Programmable Implant Lens Driller" is designed to eliminate costly scrap and increase production of implant lenses. This versatile machine drills precision holes in the periphery the convex face of the implant lens. Its five spindles can be programmed for any pattern of holes required, and its computer has continuous path capability for milling or profiling. Agents are sought for this $130,000 custom-ordered machine. WRITE: Norman C. Bayley, Pres., Nawhide Machine Tool Div., Composite Tool Co., Inc., Nawhide Tool Div., Dept. CN, 13429 Western Ave., Gardena, California 90249 U.S.A.

MICRO-VIDEO TELEVISION CAMERA -- Weighing less than 60 g, the tiny "MV 9370 Endo-Video CCD Color Camera" is said to offer outstanding performance over a wide range of illumination levels, giving bright, clear, true-color images of surgical techniques. Developed for education and video documentation, this solid-state CCD-soakable camera costs between $10,000 and $12,500. WRITE: Mary Morton, Intl. Sales Coordinator, Circon Corp., Dept. CN, 749 Ward Dr., Santa Barbara, California 93111 U.S.A. Telex: 65-8472.

COMPUTERIZED TREATMENT PLANNING -- The "Modulex Radiation Therapy Treatment Planning System" is said to be the only system on the market capable of simultaneous treatment planning at multiple stations with a single computer. The multiuser, multitasking system provides for patient scheduling, tumor registry, text editing, and computer-aided dosimetry. It features 383 Kbyte, 16 bit memory, 50 Mbyte disk drive, color videographics, and 8-pen color plotter. The price ranges form $73,000 to $110,000. WRITE: David N. Christensen, Dir. of Sales, Computerized Medical Systems, Inc., Dept. CN, 2294 Weldon Pkwy., St. Louis, Missouri 63146 U.S.A. Telex: 38-2023.

NONINVASIVE OSCILLOMETRY -- Designed for use on adults and children, the portable "Omega 5000" provides microprocessor-controlled constant- bleed oscillometric measurement. It measures and displays systolic, diastolic and mean arterial pressures and heart rate automatically in 1- to 99-min intervals or on demand. The unit features selectable high-low alarm limits, a dual temperature option, an integral printer, and self-diagnostic tests. Agents are sought for this $3,245 monitor, WRITE: David L. McCutchen, Vice Pres., Sales & Mktg., Invivo Research Laboratories, Inc., Dept. CN, 3061 W. Albany, Broken Arrow, Oklahoma 74012 U.S.A. Telex: 845-2205.

OCULAR PULSE TIMING SYSTEM -- The "OPG-1000" is a four-channel air oculoplethysmograph for the noninvasive detection and evaluation of carotid arterial occlusive disease. It provides electronically determined time differences between eye and ear waveforms, numerically displayed on a 16-character alphanumeric display and simultaneously recorded on a 20-column alphanumeric thermal printer. Priced at $14,000, this equipment is said to decrease patient testing time and eliminate human error in copying data. Agents, distributors, and practitioners are sought worldwide. WRITE: Clifford Freeman, Pres., Betadyne International Corp., Dept. CN, 19 Murray St., New York, New York 10007 U.S.A. Telex: 23-2136. Cable: BETADYNE.

BLOOD PRESSURE TRANSDUCER -- Low-cost microchip technology and automated production make "Novatrans" the least expensive reusable transducer available, according to the firm. A short, reusable cable connects this simple $80 device to any monitor. It exceeds AAMI specifications for overpressurization and aspiration, and it can withstand even severe abuse, according to the firm, which is seeking distributors with an emphasis in critical care and trauma units. WRITE: Frank Griffin, Dir., Intl. Operations, Medex, Inc., 3637 Hilliard, Ohio 43026 U.S.A.

COMBINATION A-SCAN FOR IOL AND CORNEAL THICKNESS -- Opthalmologists will be interested in the "Axipac II," which combines the features of the firm's "Axisonic II" computerized intraocular lens A-scan with the "Pachysonic II" corneal thickness A-scan. Described as the most efficient and cost-effective ultrasound system available, the "Axipac II" sells for $8,250. Agents are sought. WRITE: John E. Dull, Pres., JEDMED Instrument Co., Dept. CN, 1430 Hanley Industrial Court, St. Louis, Missouri 63144 U.S.A.

ULTRASOUND UNIT DETERMINES CORNEAL THICKNESS -- The "Pachysonic II" audibly signals when the transducer is perpendicular to the endothelial side of the cornea to provide accurate readings. A signal change from intermittant to solid tone indicates that the transducer is in place and readings are organized. An output tape shows the location of the reading on the cornea at nine positions, and if a specific percentage of cut in the cornea is desirable, the unit will read to the nearest micron and print the mathematical calculation in microns. Agents are sought for this $6,000 unit. WRITE: John E. Dull, Pres., JEDMED Instrument Co., Dept. CN, 1430 Hanley Industrial Court, St. Louis, Missouri 63144 U.S.A.

NONINVASIVE BLOOD PRESSURE MONITOR -- The "Omega 1400" is an expandable oscillometric blood pressure monitor that measures and displays systolic, diastolic, and mean arterial pressures, and pulse rate for adults and neonates. It has alarms for all four parameters and may be ordered with a printer and with an internal battery for portable operation. The unit features built-in self-diagnostics and calibration tests, and provides automatic interval for readings from 1 to 99 min. Agents are sought for this monitor, which costs from $2,145 to $3,020. WRITE: David L. McCutchen, Vice Pres., Sales & Mktg., Invivo Research Laboratories, Inc., Dept. CN, 3061 W. Albany, Broken Arrow, Oklahoma 74012 U.S.A. Telex: 845-2205.

DEVICE DETECTS BLOOD FLOW AND FETAL HEART SOUND -- The "Doppler Model 102" is said to provide high sensitivity in blood flow and fetal heart sound detection. This product features a pencil-style or flat probe which detaches for sterilization and which can be used with a headset or loudspeaker. Operating on either dry-cell or rechargeable batteries, the "Doppler" is priced from $495 to $595. The firm is actively seeking agents for this product and its varied line of medical equipment. WRITE: Hal Wood, Dir., Ameritech International, Dept. CN, 400 E. Red Bridge Rd., Ste. 104, Kansas City, Missouri 64131 U.S.A. Telex: 75-2739. Cable: AMERITECH.

ELECTROMAGNETIC UNIT MEASURES BLOOD FLOW -- Agents are sought for this firm's all new microprocessor-based electromagnetic "Blood Flowmeter," designed for vascular and cardio-thoracic applications. This system provides nonocclusive zero flow reference and is said to assure accuracy, patient safety, and simplicity of operation. The price ranges from $4,000 to $6,000. WRITE: C. Roger Jones, Vice Pres., Mktg., Carolina Medical Electronics, Inc., Dept. CN, P.O. Box 307, King, North Cariolina 27021 U.S.A. Telex: 80-6442.

SENSITIVE INDUCTANCE COIL -- The "Tibbetts Telecoil" is said to provide the most sensitive, compact and reliable signal control available for medical and prosthetic instrumentation. Typically 2 x 6 mm in size, the telecoils are basic components in hearing aids, and they offer extremely accurate control and monitoring of implantable devices, such as cardiac pacemakers and bone-growth stimulators, the firm states. The price ranges from $1.50 to $3. WRITE: F. Mark Bojarzin, Dir. of Mktg., Tibbetts Industries, Inc., Dept. CN, Colcord Ave., Camden, Maine 04843 U.S.A. Telex: 95-0114 TIBBETTS.

BIOIMPEDANCE MONITOR -- This firm's "Bioimpedance Analyzer" is a universal instrument which records analog data used for manual qualification of arterial blood flow from which perfusion indices and other parameters are derived. The $5,950 instrument also records, analyzes, and quantifies changes in electrical impedance of body segments and is designed to operate with any type of electrodes. WRITE: Hevka Sramek, Vice Pres., Mktg., BoMed Medical Mfg., Ltd., Dept. CN, 5 Wrigley St., Irvine, California 92718 U.S.A. Telex: 910-595-2421.

NONINVASIVE CONTINUOUS CARDIAC OUTPUT MONITOR -- The "NCCOM3" digitally displays six cardiovascular, blood flow-related variables simultaneously in two modes of operation: thoracic fluid indes (TFI), ventricular ejection time (VET), ejection velocity (EV), stroke volume (SV), heart rate (HR), and cardiac output (CO). The $6,950 device has an RS232 serial interface for central processing. WRITE: Hevka Sramek, Vice Pres., Mktg., BoMed Medical Mfg. Ltd., Dept. CN, 5 Wrigley St., Irvine, California 92718 U.S.A. Telex: 910-595-2421.

DRY HEAT STERILIZER PREVENTS RUSTING -- This firm's "Dry Heat Sterilizer," said to cost less than most units, features a burnout-proof heating element guaranteed for five years. There is no pressure or moisture, therefore no rusting of instruments. Trays can be sterilized with lids on, and the stainless steel unit contains an automatic timer with a precision thermostat. Agents are sought for this product, which costs from $230. to $370. WRITE: Harold Shindler, Pres., Steri-Dent Corp. Dept. CN, 33 Reith St. Copiague, New York 11726 U.S.A. Telex: 53-2871.

LIQUID CRYSTAL FEVER THERMOMETER -- Using liquid crystal thermometry, the "Fever-Scan" provides convenient, reliable temperature readings. Reusable or disposable, the strip is easy to read, unbreakable, and economical, according to the firm. Recommended for use in clinics, hospitals, physicians' offices, and homes, this product is priced from $.08 each. Distributor inquiries are invited. WRITE: F. W. Spong, M. D., MedSource International, Dept. CN, 10975 Torreyana Rd., Ste. 100, San Diego, California 92121 U.S.A. Telex: 69-1600.

HOSPITAL STERILIZATION POUCHES -- Agents and distributors are sought for the "Medi-Plus DoublePak Pouch," a pre-folded, self-seal pouch packaged within a larger self-seal pouch. This product is designed to assure the aseptic removal and presentation of sterile packaged materials for use in the operating room by providing easier, faster, and more economical double packaging while adding an extra measure of protection. The price is $130/500. WRITE: Clifford Freeman, Pres., Betadyne International Corp., Dept. CN, 19 Murray St., New York, New York 10007 U.S.A. Telex: 23-2136 BETA UR. Cable: BETADYNE.

LIFE SUPPORT RESPIRATOR -- The "Newport E-100" is a compact volume-type ventilator capable of supporting infant through adult cases. Its features include CMV, assist, IMV, and PEEP/CPAP. Areas of use include intensive care, emergency room, recovery, and long-term care. With its optional 12-V power source, this device is practical and portable, the firm states. Comprehensive alarms complete this $5,000 package, described as safe, cost-efficient, and versatile. WRITE: Douglas Domurat, Sales & Mktg. Mgr., Newport Medical Instruments, Inc., Dept. CN, 300 N. Newport Blvd., Newport Beach, California 92663 U.S.A. Telex: 68-5603.

EMERGENCY CRICOTHYROTOMY DEVICE -- The "NU-TRAKE" is designed to perform an emergency cricothyrotomy within 20 seconds on adults and children over 5 years old while reducing most known complications associated with this procedure. A smaller version, the "PEDIA-TRAKE" is available for performing cricothyrotomy/ tracheotomy on patients from one to eight years old. Agents are sought for this $78 device. WRITE: Marcia Weiss, Pres., International Medical Devices, Dept. CN, 19205 Parthenia St., Ste. J, Northridge, California 91324 U.S.A.

QUANTIFIABLE DYNAMIC TRACTION -- The "Sager Lower Limb Emergency Traction Splint" allows medical professionals to document exactly how much traction they have applied to their patients. Designed to eliminate additional discomfort or damage sometimes caused by conventional static traction splints, this system adapts to the patient's injury, allowing for relaxation or contraction. Its quantifiable feature allows easy visual reference to control the recommended 6.8 kg traction at all times. Agents are sought for this product, which costs from $140 to $440. WRITE: Gene Spain, Exec. Vice Pres., Minto Research & Development, Inc., Dept. CN, 2524 Favretto Ave., Redding, California 96001 U.S.A.

COMPACT CRYO-PROBE -- Described as safe, convenient, and easy to use, the "Gyne-Tech Cryo-Probe" was designed for surgical dissection, cautery, and ablation. The device features metal parts hydrostatically tested and certified to 3,000 PSI; a single-hand control, three-position trigger; and a captured "0" ring. Remote exhaust ports are available to vent refrigerant gas away from the patient and physician. Agents are sought for this product, which costs from $965 to $1,500. WRITE: Roy Shapiro, Sales Mgr., Gyne-Tech Instrument Corp., Dept. CN, 1111 Chestnut St., Burbank, California 91506 U.S.A. Telex: 67-3424.

VENIPUNCTURE SHIELD -- The "Veni-Shield" provides structural protection for venipuncture sites, reducing unwanted restarts and preventing phlebitis, thromboembolisms, occlusion, infiltration, and loss of site patency due to bumping or contact. Shaped prior to application, the shield can be used with catheters, cannulae, butterflies, heparin locks, and portacath, and works well with transparent tape. The price ranges from $.20 to $.65 each. The firm is interested in distribution and licensing. WRITE: Dona H. Shepherd, Mktg. Mgr., American Medical Devices, Inc., Dept. CN, 1802-F Commercenter West, San Bernardino, California 92408 U.S.A. Telex: 67-5595 PROULX MFG RCU.

HEAVY DUTY I.V. STAND -- This firm's recently developed "Heavy Base I.V. Stand" may be used conventionally or as an infusion pump stand. Made of chrome-plated steel, the $91.85 stand features a wide-stance base with six carpet casters. Accessories that can be added are a vinyl-coated, adjustable-height steering handle and urinary drainage bag hook. The company seeks distributors. WRITE: Marilyn Geiger, Mgr., Medical Products Div., E.F. Brewer Co., Dept. CN, N88 W13901 Main St., P.O. Box 159, Menomonee Falls, Wisconsin 53051 U.S.A. Telex: 26-774.

NEPHROSTOMY SET -- The "Cook Urological Percutaneous Malecot Nephrostomy Set" is used for percutaneous placement of a Malecot drainage catheter in the renal pelvis of the kidney. The nephrostomy tract eliminates the need for open surgical placement of a drainage tube. The set consists of a 14 French radiopaque polyethylene Malecot catheter with two flexible stylets; 22- and 18-gauge needle; wire guide; eight radiopaque dilators; retention disc; and 14 French polyvinyl connecting tube with one-way stopcock and drainage bag connector. Supplied sterile, the kit costs from $65 to $95. WRITE: Kelly Wikle, Mktg. Mgr., Cook Urological, Inc., Dept. CN, 1100 W. Morgan St., Spencer, Indiana 47460 U.S.A.

PADDED PLASTER SPLINTING -- Easily dispensed and applied, "Procast" splinting material has polypropylene padding that wicks moisture, reduces heat, discourages bacteria, and will not irritate, the firm states. Offered in three thicknesses and five widths, it is packaged in 762-cm dispenser cartons with handles for easy storage and movement. Agents are sought for this $90 patented product. WRITE: John Hely, Dir. of Mktg., Medical Specialties, Inc., Dept. CN, 4911 Wilmont Rd., Charlotte, North Carolina 28208 U.S.A.

EFFECTIVE FEMALE STERILIZATION -- The "FEMCEPT" system consists of an ampule containing liquid methylcyanoacrylate (MCA) and a delivery device which deposits the MCA in the fallopian tubes. Within 120 days, the MCA is degraded by the body and replaced by scar tissue which is the agent of tubal blockage. Said to be both safe and effective for sterilization, the system requires no surgery or anesthesia and may be performed in an office environment. It is currently used in the U.S. on a limited basis for clinical study. Two delivery devices and two ampules of MCA sell for $300. WRITE: John A. Kavanagh, Dir. of Mktg., BioNexus, Inc., Dept. CN, 5257 North Blvd., P.O. Drawer 58517, Raleigh, North Carolina 27658-8517 U.S.A. Telex: 75-5746.

I.V. SUPPORT -- This firm's versatile "Ceiling Mounted I.V. Support System" features precision-made components that are adaptable to a variety of room conditions. The track is available either straight or curved in unspliced lengths up to 6.10 m. Adjustable or fixed pendants may be used, and pendants can be custom made according to ceiling height. The firm provides end stops and splicing clamps with removable gates. Agents and distributors are sought. WRITE: Donald R. Heller, Vice Pres., ADC Hospital Equipment, Dept. CN, 2121 S. 12th St., Allentown, Pennsylvania 18103 U.S.A.

CONCENTRATED DISINFECTANT -- "Sporicidin Cold Sterilizing Solution," an activated, alkaline glutaraldehyde (pH 7.4), is said to inactivate the Hepatitis B virus in 10 min. Diluted with 16 parts of drinking water, this hypoallergenic, safe formula disinfects medical and dental instruments, equipment, and environmental surfaces. Recommended for safe use on scopes, it also disinfects dialysis machines and reused dialyzers when diluted 1:35. WRITE: Robert I. Schattner, D.D.C., The Sporicidin Co., Dept. CN, 4000 Massachusetts Ave., NW., Washington, D.C. 20016 U.S.A. Telex: 90-8041.

HYPOALLERGENIC ELECTRODE CREAM -- "Signacreme Electrode Cream," a cosmetic-quality, hypoallergenic electrode cream, provides the highest conductivity available for ECG and other electromedical procedures, according to the firm. Pleasant to use and easy to apply and remove, "Signacreme" is said to assure clear and clean tracings. The product is packaged in 142-g sqeeze bottles and in 2- and 4-liter pump dispensers. WRITE: Joyce O'Dwyer, Exec. Admin., Parker Laboratories, Inc., Dept. CN, 307 Washington St., Orange, New Jersey 07050 U.S.A. Telex: 13-8724. Cable: Parker Labs.

LIQUID SOAP FOR CONTACT LENS HANDLING -- "Optisoap" is a liquid soap for cleaning hands before touching contact lenses. Made to remove all body oils, cosmetics, and nicotine, it contains no glycerine or emollients, and rinses off easily, leaving no residue. The soap also eliminates fingerprints on clean lenses. Available in 30- and 60-ml bottles and 240-ml dispenser pumps, this product is recommended for anyone whose work requires hands that are completely free of body oil or residue. The price ranges from $3 to $25, and the firm wants contacts from distributors who are experienced in the industry. WRITE: Barbara Johnson, Customer Service, Optikem International, Dept. CN, 2172 S. Jason St., Denver, Colorado 80223 U.S.A.

REUSABLE PLASTIC BEDPAN -- Molded of sturdy polypropylene plastic, the "Bedpan for Fracture Patients" is designed for efficient patient care and decorative appearance. Easy to clean and quiet to handle, this autoclavable item will not fade, crack, or warp, according to the firm. It is priced from $1 to $10, about one-fifth the price of a comparable stainless steel utensil. WRITE: Jim Stephani, Gen. Mgr., Intl. Div., Polar Ware, Dept. CN, 2806 N. 15th St., Sheboygan, Wisconsin 53081 U.S.A. Cable: POLARPRO.

MOISTURE VAPOR PERMEABLE DRESSING -- Nontoxic, nonsensitizing, and nonhemolytic, "Uniflex" is designed to eliminate problems associated with conventional MVP dressings, tape, and gauze. It allows moisture vapor from wounds to pass through while providing an effective barrier to fluids or bacteria from outside the dressing. Even when wet, the easy-to-apply dressing remains in place, reducing surface friction and promoting healing. WRITE: Stephen L. Kuehn, Dir., Intl. Sales, United Div. of Pfizer HPG, Inc., Dept. CN, P.O. Box 1970, Largo, Florida 33540 U.S.A. Telex: 52-3466.

PORTABLE OXYGEN SYSTEM -- The "Free'n Easy" portable oxygen shoulder pack offers the breathing-impaired user a stable, even liter/min flowrate due to the balance pressure design of the regulator. A lightweight aluminum oxygen cylinder and padded nylon case provide ease of handling and comfort, and a "window" allows for easy gauge monitoring. Additional components include a nasal cannula, valve wrench, and set of complete instructions. The manufacturer seeks distributors for this product which costs from $200 to $260. WRITE: Donna M. Conrad, Intl. Sales, Western Enterprises Div., Dept. CN, 875 Bassett Rd., Westlake, Ohio U.S.A. 44145-1196 U.S.A. Telex: 98-5292 Wesent.

FLEXIBLE TRACHEOTOMY TUBE -- The "Montgomery Silicone Tracheal Cannula" was designed to take the place of the standard track tube. Constructed from vulcanized silicone material said to cause no tissue reaction, it is flexible and nonirritating. The tube is designed to provide for patient comfort, as well as easy insertion and removal. Agents are desired. Write: David S. Brogden, Export Mgr., Boston Medical International, Dept. CN, 226 S. 16th St., Philadelphia, Pennsylvania 19102 U.S.A. Telex: 83-4778.

CLOSED WOUND SUCTION DEVICE -- The "Wound-Evac" closed wound suction device has proven to be safe and effective for almost 20 years, the firm states. Kits, components, and accessories are pre-sterilized and supplied in a double wrap packaging system. The device is available in three standard sizes: 200-, 400-, and 800-ml reservoirs with four different sizes of tubing: 2.4 mm O.D., 3.2 mm O.D., 4.8 mm O.D., and 6.4 mm O.D. The price ranges from $7 to $10. Distributor inquiries are invited. WRITE: Bert Holy, Pres., Heritage Medical Products, Inc., Dept. CN, 2177 Flintstone Dr., Tucker, Georgia 30084 U.S.A. Telex: 46-7893. Cable: HERITAGEUSA CI.

LENS IMPLANT - The "UV400 Intraocular Lens" is described as the original ultraviolet absorbing intraocular lens. More than 150,000 successful implants of the lens have been made during a three-year period, according to the manufacturer. It is also said to be the only aspheric, molded intraocular lens designed to mimic the properties of the human lens. Agents are sought for this product, which is priced from $60 to $120. WRITE: Amy M. Maurer, Export Mgr., Optical Radiation Corp., Dept. CN, 1300 Optical Dr., Azusa, California 91702 U.S.A. Telex: 910-584-4851.

PREPACKAGED SURGICAL PROCEDURE TRAY -- The "Percutaneous Sheath Introducer Tray" pictured is for use in subclavian insertion of a thermodilution catheter for cardiac output monitoring. It is an example of the "STS (Sterile Tray System)" which combines in one pack all the separate disposable components required to do specific surgical procedures. The prepackaged tray is designed to allow nurses to set up the operating room for surgery in one-fourth the time, while reducing the number of different items that must be ordered, stored, and used within the hospital. Agents are sought. WRITE: A.J. Prusmack, Vice Pres., Mktg., Sterile Tray Systems, Dept. CN, 1726 Broadway, New York, New York 10019 U.S.A. Telex: 23-7669 USEX.

HIGH-QUALITY FORCEPS -- The 25.4-cm "Uterine Dressing Forceps," said to be made of the finest quality surgical high-carbon stainless steel, is available in high-mirror polished/non-glare satin finish. The product is typical of the various surgical, diagnostic, and dental instruments offered by the firm. Mass distributors are sought to handle this $14.95 instrument as well as the firm's other instruments. WRITE: Arnold J. Sisco, Vice Pres., Operations, Falcon Imports, Inc., Dept. CN, 701 1/2-703 N. Orange St., P.O. Box 2311, Wilmington, Delaware 19801 U.S.A. Telex: 32-4596.

DURABLE SILICONE CATHETER -- The "Polysil Silicone Elastomer Foley Catheter" completely resists salt encrustation and plugging even after two months indwelling in patients, the firm states. Its trouble-free, long indwelling performance results in significant cost savings to hospitals and clinics using Foley catheters. Designed to promote patient safety and comfort, this catheter costs from $2.50 to $3. Agents and distributors are sought. WRITE: Alex Poly, Gen. Mgr., Polysil, Inc., Dept. CN, 21210 Nordhoff ST., Chatsworth, California 91311. Cable: POLYSIL.

ABDOMINAL SUPPORT -- Available in two sizes, this firm's "Abdominal Binder" is made of a high-quality fabric to assure comfort and complete, firm support, The binder features a special stretch construction which covers the area of incision and firmly holds dressings. It will not roll or stretch and allows the patient to cough and expel phlegm without pain, the firm states. Agents are sought for this product, which is priced from $6 to $10. WRITE: Eugene P. Kirejczyk, Pres., A-T Surgical Mfg. Co., Inc., Dept. CN, 359 Dwight St., Holyoke, Massachusetts 01040 U.S.A. Telex: 21-5406 TBYT ATTN: 6278.

PLEURO-PERITONEAL SHUNT -- The "Denver Pleuro-Peritoneal Shunt" is said to be highly effective in the treatment of intractable aseptic pleural effusions and to reduce hospitalizations and patient trauma. An alternative to repeated thoracentesis, external drainage, or to sclerotherapy, the shunt diverts excess pleural fluid to the peritoneum, where it is absorbed. The medical grade silicone rubber mechanism permits percutaneous manual pumping. Local representation is available for this $425 product in some countries. WRITE: Carol J. Newkirk, Vice Pres., Mktg., Denver Biomaterials, Inc., 6851 Highway 73, Evergreen, Colorado 80439 U.S.A. Telex: 70-3870 DENVERBIOUD.

COMFORTABLE SUPPORT -- Designed for common reducible inguinal hernias, this firm's "Truss" features a double layer elastic waistband with soft fluff lining next to the skin, adjustable Velcro closures, a fully ventilated pocket for the pad, and a flannel leg strap to adjust vertically and sideways. Easy to put on or take off, it has no snaps or buckles and can be used as a right or left truss by removing the rubber pad. Agents are sought for this product, which costs from $8.97 to $11.77. WRITE: Eugene P. Kirejczyk, Pres., A-T Surgical Mfg. Co., Inc., Dept. CN, 359 Dwight St., Holyoke, Massachusetts 01040 U.S.A. Telex: 21-5406 TBYT ATTN: 6278.

FLEXIBLE BODY SUPPORT -- The "Dale Medical Support" is made from surgical stretch material woven to maintain a full width when extended. This feature causes pressure to be spread evenly and prevents roping. When two or more panels of the material are joined to make a wider support, a patented interlocking stitch allows the panels to stretch and conform independently. These characteristics provide comfortable, evenly distributed support while allowing natural movement and normal muscle redevelopment, according to the firm. WRITE: Irving Brezack, Pres., Dale Medical Products, Inc., Dept. CN, 7 Cross St., P.O. Box 1556, Plainville, Massachusetts 02762 U.S.A.

SPONGE SPLINT-COMPRESSION DRESSING -- The "Hydro-Splint, Field Kit Model" provides first aid and follow-up care to victims of sprains, fractures, shock, and open or closed wounds. This device can immobilize an injured lower extremity, serve as a splint or dressing over a wound, and relieve swelling of the lower extremity by soaking the splinted leg in water. Priced from $10.75 to $12.50, the kit is recommended for military personnel and emergency medical technicians. Agents are sought. WRITE: Tony I. Incorvaia, Pres., Compression Splint Products, Dept. CN, 500 Stevens Dr., #302, Pittsburgh, Pennsylvania 15237 U.S.A.

QUANTIFIABLE DYNAMIC TRACTION -- The "Sager Lower Limb Emergency Traction Splint" allows medical professionals to document exactly how much traction they have applied to their patients. Designed to eliminate additional discomfort or damage sometimes caused by conventional static traction splints, this system adapts to the patient's injury, allowing for relaxation or contraction. Its quantifiable feature allows easy visual reference to control the recommended 6.8 kg traction at all times. Agents are sought for this product, which costs from $140 to $440. Write: Gene Spain, Exec. Vice Pres., Minto Research & Development, Inc., Dept. CN, 2524 Favretto Ave., Redding, California 96001 U.S.A.

TOPICAL ANESTHETIC -- "Cetacaine" is used for the production of anesthesia on all accessible mucous membrane. It is available as a spray for antigagging and interproximal dispersion and also comes in liquid and oinment form to allow cotton or instrument application to specific areas for localized results. This product offers rapid onset within seconds and remains effective for up to 30 seconds, according to the firm. The price ranges from $2.50 to $7.50. WRITE: Angela Bukowski, Export Mgr., Cetylite Industries, Inc., Dept. CN, 9051 River Rd., P.O. Box CN6, Pennsauken, New Jersey 08110 U.S.A. Telex: 685-1271 QUICK UW ATTN: CETYLITE. CABLE: CETYLITE PENNSAUKEN.

SURGICAL SCISSORS -- This firm's lightweight "Operating Scissors" feature a brushed chrome finish that prevents light reflection in the operating room. The carbide edged scissors have gold plated handles for easy identification and a delicate full size finger ring for comfort and freedom. Designed to perform precise cutting and maintain original sharpness for many years, the scissors cost from $20 to $35. WRITE: David S. Brogden, Export Mgr., Misdom Frank International, Inc., Dept. CN, 226 S. 16th St., Philadelphia, Pennsylvania 19103 U.S.A. Telex: 83-4778 PHA. Cable: BANTEX.

COMPLETE UROSTOMY CARE -- The "Marlen Free Flow Kit" provides everything necessary to secure the drainage system to a patient immediately after surgery in the operating room, provide convenient care during hospitalization, and allow the patient to resume normal activities with confidence. Included in the kit are the self-adhering pouch with drain valve, five self-adhering pouches, and a bedside collection bag. Agents are sought for this $20 product. WRITE: Lee Billings, Mgr., Export Div., Marlen Mfg. & Development Co., Inc., Dept. CN, 5150 Richmond Rd., Bedford, Ohio 44146 U.S.A. Telex: 70-4595.

SKIN CARE FORMULA CONTROLS ITCHING -- "PRAX" is an anti-itch skin treatment available as a cream or lotion. This non-caine, non-steroid, paraben-free formula contains a one-percent concentration of pramoxine hydrochloride in an emollient base. Recommended for all patients with skin disorders characterized by intense itching or burning, "PRAX" costs $2.25/113.4 g. Agents and distributors are sought. WRITE: James T. McMillan II, Assist. to the Pres., Ferndale Laboratories, Inc., Dept. CN, 780 W. Eight Mile Rd., Ferndale, Michigan 48220 U.S.A.

LIQUID MEDICAL ADHESIVE -- "MASTISOL" is a non-irritating, hypo-allergenic liquid medical adhesive designed to secure the most diffult dressing for a protracted period of time. This colorless, non-staining liquid offers superior adhesive properties, the firm states, and is specifically indicated for a wide range of surgical procedures. Agents and distributors are sought for this product, which is priced at $5/113.4 g. WRITE: James T. McMillan II, Asst. to the Pres., Ferndale Laboratories, Inc., Dept. CN, 780 W. Eight Mile Rd., Ferndale, Michigan 48220 U.S.A.

LIQUID ADHESIVE REMOVER -- Described as non-irritating, mild, hypo-allergenic, and non-stinging, "DETACHOL" has no offensive odor and will not sting or irritate the patient's skin when used as directed. Recommended for use to doctors and nurses in offices and hospitals everywhere, this adhesive remover costs $1.40/113.4 g. Agents and distributors are sought. WRITE: J.T. McMillan, Asst. to the Pres., Ferndale Laboratories, 780 W. Eight Mile Rd., Ferndale, Michigan 48220 U.S.A.

OXYGEN CONCENTRATOR -- The "Bunn #3001 Oxygen Concentrator" delivers up to 3 liter/min of oxygen and weighs 21 kg. This light, compact unit is designed to make oxygen therapy available even to patients in remote areas. It features quiet operation at 50 dB, a low power consumption at 288 W, and an easy-to-read illuminated flowmeter. Said to have the least demanding maintenance schedule in the industry, the device incorporates alarms for power failure and high- and low-pressure. Agents are sought for this product, which costs between $850 and $1,100. WRITE: Angelo J. Liberatore, Vice Pres., John Bunn Co., Dept. CN, 290 Creekside Dr., Tonawanda, New York 14150 U.S.A. Telex: 64-6116.

ASCITES TREATMENT -- The "Denver Peritoneo-Venous Shunt" allows optimum flow of ascitic fluid from the peritoneal cavity into the venous system. The asymmetric silicone rubber valve is self-cleaning and permits manual flushing for quick determination of patency and for nonoperative clearing of obstruction. According to the firm, clinical experience with this $425 device has shown excellent initial and long-term patient benefits. Local representation is available in some countries. WRITE: Carol J. Newkirk, Vice Pres., Mktg., Denver Biomaterials, Inc., Dept. CN, 6851 Highway 73, Evergreen, Colorado 80439 U.S.A. Telex: 70-3870 DENVERBIOD.

HYDROCEPHALUS TREATMENT -- The "Denver Hydrocephalus Shunt" provides controlled passage of cerebrospinal fluid into the peritoneal cavity. The unique slit valves permit controlled fluid passage. Noninvasive digital manipulation allows patency to be restored without permanently changing the flow characteristics of the device. Made of soft medical-grade silicone rubber, the shunt is priced from $190 tp $200 and is available in a variety of variations to accommodate placement and patient size. Local representation is available in some countries. WRITE: Carol J. Newkirk, Vice Pres., Mktg., Denver Biomaterials, Inc., Dept. CN, 6851 Highway 73, Evergreen, Colorado 80439 U.S.A. Telex: 70-3870 DENVERBIOUD.

OTOSCOPE FOR HOME AND HOSPITAL -- Described as practical and economical, the "Ware M.D. Otoscope" is designed for professional and home use. Its features include a lightweight, high-impact ABS molded plastic case; a specially developed high-intensity light source transmitted through fiberoptics; and a 4X power distortion-free nylon lens. The $40 instrument uses two "AA" batteries and includes four extension tips. The company seeks distributors and offers discounted prices for quantity purchases. WRITE: Rick Elliott, Vice Pres., Sales & Mktg., Ware Medical Diagnostics, Dept. CN, Box 1, Ste. M-163, Marysville, Washington 98270 U.S.A. Telex: 650-243-2696.

CONVENIENT COLLECTION POUCH -- Ready for easy, beltless adhesion to the skin for collection of fecal ostomy excretions, the "Q-T" is available in a variety of sizes. Priced from $1.25 to $3/package of 10, the odorproof, waterproof plastic pouch is described as economical, lightweight, and easy to use. Distributors are sought worldwide. WRITE: Elizabeth Craven-Goldfarb, Export Sales Mgr., Gricks, Div. of Q-T Products, Inc., Dept. CN, 202-11 Jamaica Ave., Hollis, New York 11423 U.S.A.

GYNECOLOGICAL LUBRICANT -- Nonirritating and water soluble, "Astroglide," a lubricant for obstetric and gynecological use, is said to be similar to the body's natural lubricants. Economically priced from $2.02 to $2.50, this slippery substance maintains its lubricating qualities longer than other creams and contains no petroleum, according to the firm, which seeks agents and distributors. WRITE: Bill Henry, Export Rep., Astro-Lube, Inc., Dept. CN, P.O. Box 9788, N. Hollywood, California 91609 U.S.A.

INSTRUMENT DILATES CERVIX -- The "Lamicel Ostotic Cervical Dilator" is a unique method for pre-treatment of the cervix. By softening the cervix canal through osmotic absorption of cervix tissue fluids, it facilitates cannula or instrument insertion, thus eliminating the risk of trauma to the cervix and uterus. The "Dilator" is described as completely sterile and safe. Priced from $50 to $90, the device may lower the cost of most procedures because it ripens and softens the tissues faster than does laminaria. Agents and distributors are sought. WRITE: Loretta M. Dudek, Intl. Sales Admin., Cabot Medical Corp., Dept. CN, 2021 Cabot Blvd. W., Langhorne, Pennsylvania 19047 U.S.A. Telex: 510-667-2280.

DISPOSABLE CLIPS SECURE BED SHEETS -- This firm's "Disposable Bed Clips" are produced in high-impact styrene, polypropylene, ABS, and Delrin. The selection of material allows the customer to choose strength, durability, and sterilization quality. The clips feature finger grips for ease of opening and teeth to maintain a strong hold. White is the standard color, but clips can be color-coded to customer specifications. The price is $18.75/1,000, with quantity discounts available. The clips are offered for sale to manufacturers for their own use. Agent and distributor inquiries are welcome. WRITE: A.B. Flister, Sales Coordinator, Qosina Corp., Dept. CN, 35 Central Ave., Farmingdale, New York 11735 U.S.A. Telex: 499-0552.

MULTI-LUMEN VENOUS CATHETER -- The "Arrow Multi-Infusion Catheter System" is designed to reduce the number of puncture sites in emergency care, surgery, intensive care, burn treatment and CVP monitoring. The multi-lumen feature decreases catheter maintenance, nursing care costs, and the total number of painful venipunctures, according to the firm, which prices the system from $15 to $20. WRITE: Ignacio J. Silva, Intl. Sales Mgr., Arrow International, Inc., Dept. CN, Hill & George Ave., Reading, Pennsylvania 19610 U.S.A. Telex: 88-2576.

HANDY LIQUID DISPENSER -- The "Versa-Fill 120" filling and dispensing unit can deliver 30 ml of fluid in less than 15 seconds, the firm states. Manually operated, the dispenser can be used conveniently in any location for accurate, economical filling and dispensing of syringes, vials, and oral liquids. The price ranges from $500 to $600 each. Agents, distributors, and licensees are actively sought. WRITE: Shirley A. Vitello, Vice Pres., International Medical Industries, Inc., Dept. CN, 570 Pleasant St., Watertown, Massachusetts 02172 U.S.A. Telex: 94-0365.

POLYURETHANE FOAM PATIENT POSITIONERS -- "Span+Aids" are positioning devices that help hold a patient's body or limbs in place in bed, in chairs, and during surgery. The polyurethane foam construction of this product helps reduce heat, moisture, and pressure, promoting greater comfort and healing, particularly with long-term, comatose, or flaccid patients. Also available in models designed for short-term patients, "Span+Aids" cost from $10 to $70. The company is actively seeking agents, distributors, and licensees. WRITE: J. Kenneth Luke, Mktg. Dir., Span-America Medical Systems, Inc., Dept. CN, Rt. 15 Commerce Center, P.O. Box 5231, Greenville, South Carolina 29606 U.S.A.

GERMICIDE FOR PROFESSIONAL USE -- Described as highly stable, colorless, and odorless, "Cetylcide" combines high bactericidal and bacteriostatic action against pathogenic organisms. Suitable for cleaning instruments, equipment, and countertops, the solution can also be used as an ultrasonic solution and as a suction-system cleaner and deodorizer. It will not harm metal, rubber, or plastic. Available in .95- and .47 liter amounts, and in ampules, this product costs from $4.25 to $15/container. WRITE: Angela Bukowski, Export Mgr., Cetylite Industries, Inc., Dept. CN, 9051 River Rd., P.O. Box CN6, Pennsauken, New Jersey 08110 U.S.A. Telex: 685-1271 QUICK UW ATTN: CETYLITE. Cable: CETYLITE PENNSAUKEN.

COMBINATION SPLINT AND COMPRESSION DRESSING -- The "Hydro-Splint" is designed for medical personnel who treat injuries and conditions that cause swelling in lower extremities. Approved by the FDA, this sponge splint-compression dressing immobilizes a suspected fractured ankle or foot before an X-ray is taken. Used with water, it is said to prevent and relieve swelling in the sprained ankle or foot in one to four days, compared to one to two weeks of treatment without the use of this product. Agents are sought for this patented dressing, which costs from $10.75 to $12.50. WRITE: Tony I. Incorvaia, Pres., Compression Splint Products, Dept. CN, 500 Stevens Dr., #302, Pittsburgh, Pennsylvania 15237 U.S.A.

NEW WRIST SPLINT -- The dynamic heavy-duty wire-foam "LMB Wrist Spring" uses wire coils placed near the joint axis to assist the wrist into moderate extension. The splint features padded elastic wrist strap for comfort and stability, and a durable palm support contoured to fit the palmar arch and conform to the angles of the hand. Described as functional for the working hand, it has no projections or rubber bands. Agents are sought for this product, which costs from $50 to $100. WRITE: Helen J. Cullen, Dir. of Mktg., American Far East Traders, Inc., Dept. CN, 3082 Tigertail Dr., P.O. Box 87, Los Alamitos, California 90720 U.S.A. Telex: 472-2104. Cable: AMTRADERS.

STRIP REINFORCES MEDICAL CASTS -- One strip of 3M "Scotchcast Reinforcing Strip" is said to be twice as strong as 3M Scotchcast casting tape, yet sets rapidly and permits weight-bearing in 30 minutes. It is suggested for use as a laminate between layers of Scotchcast or Scotchflex casting tape to reinforce areas of casts subject to great stress. This product is packed 10 rolls/box priced from $50 to $95. WRITE: Katrin Sivov, Dir. of Foreign Relations, Siva Enterprises Co., Dept. CN, 831 Foothill Blvd., P.O. Box 1457, La Canada, California 91011-5457. U.S.A. Telex: 70-6627 SIVAENT UD. Cable: SIVAENT.

ELECTRONIC MUSCLE STIMULATOR -- The multiple-outlet, low-energy "BX-600 EMS" is used in rehabilitation and prevention therapy for the control, correction, and enhancement of skeletal muscles. According to the firm, the device has been used successfully in the treatment of juvenile scoliosis and has many applications for athletes. Priced from $200 to $3,000, this product is available for distribution, sale, and manufacturing under license. WRITE: Benjamin Laroux, Pres., Bloomex International, Inc., Dept. CN, 160 Truman Ave., Yonkers, New York 10703 U.S.A. Telex: 64-6562.

CERVICAL FIXATION HALO SYSTEM -- The "Model 1202 PMT Halo System" is lightweight, easy to assemble, and has no nuts and bolts. Available in small, medium, and large sizes in either the halo ring or vest, this adjustable system features built-in traction capability that can be adjusted without releasing patient position. Its graphite composite vertical support bars are low X-ray capacity, and CT and NMR compatible. Agents are sought for this $750 system. Write: Alfred A. Iversen, Pres., PMT Corp., Dept. CN, 1630 S. Fifth St., Hopkins, Minnesota 55343 U.S.A.

PROSTHETIC SOCKS -- The "Sterling Prosthetic Sock" is said to provide quality, comfort, and durability. Standard features of these three-, four-, and five-ply socks include reinforced toes, rounded toes, and a less pronounced seam in the toe. Available in cotton, wool-cotton blend, silkolene, nylon, and grey wool, the socks cost from $5 to $25. Fracture brace socks are also available. Distributors are sought. WRITE: Wanda A. Mayo, Sec.-Treas., The Ohio Willow Wood Co., Dept. CN, 15441 Scioto Darby Rd., Mount Sterling, Ohio 43143 U.S.A.

FLEXIBLE FINGER SPLINT -- Application of the "Plastalume Finger Splint" to the top side of the finger allows for continued use of the fingers and hand. This comfortable foam and aluminum splint is available in 11 sizes, including a metacarpal splint to treat finger trauma, fractures, sprains, jams, and bruises. The price ranges from $2.75 to $31.86/doz and from $7.56 to $45.60/assortment. The firm offers quick delivery and distributor discounts. WRITE: Douglas G. Brown, Pres., I. Brown Mfg. of Hartley, Inc., Dept. CN, 550 First St. SW., Hartley, Iowa 51346 U.S.A.

ORTHOPEDIC SHOES -- The "Women's Surgical Oxford" is typical of the firm's high-quality leather orthopedic footwear, available in sizes for men, women, and children. The model shown features lace-to-toe adjustment to accommodate swelling, a padded tongue, and a broad, straight heel that accepts a brace stirrup. It is designed to adjust comfortably to problem feet and post-operative conditions. The firm seeks distributors and will send catalogs and prices upon request. WRITE: Sidney R. Pols, Pres., Sabel Shoe Co., Dept. CN, P.O. Box 644, Jenkintown, Pennsylvania 19046 U.S.A. Telex: 83-1573.

PORTABLE INTERMITTENT TRACTION MACHINE -- Physical therapists, orthopedic surgeons, and chiropractors will be interested in the "Tru-Trac Traction Machine," designed to

best copy available

relieve back complaints. Priced at $900, the unit is available with or without an adjustable minimum reset feature. The firm is seeking distributors to promote this system and related therapy products. WRITE: Phillip M. Richer, Export Admin., Tru-Trac Therapy Products, Inc., Dept. CN, 27635 Diaz Rd., P.O. Box 880, Temecula, California 92390 U.S.A. Telex: 910-332-1307.

ORIGINAL RUSH PIN -- The "Rush Intramedullary Pin" for fixation of fractures via the intramedullary cavity offers a simplified surgical technique that promotes early mobility. The firm reports that this pin provides optimum temper, which is essential for dynamic fixation. Also available in models for use in osteoporotic bone, the pin is priced from $11 to $42.50. WRITE: Beryl R. Webb, Corp. Sec., Berivon Co., Inc., Dept CN, 1010 19th Ave., Meridian, Mississippi 39302 U.S.A.

LUMBO SACRAL BELT -- "Back 'n Shape" is a moldable insert which forms a duplicate of the patient's lumbo sacral contours. A double ply, 20.3-cm high belt provides a pocket for the low-temperature thermoplastic insert. Available in a number of sizes, the $30 machine-washable belt features double elastic side panels for support. Agents are sought for this system for creating custom lumbo sacral orthosis. WRITE: John Hely, Dir. of Mktg., Medical Specialties, Inc., Dept. CN, 4911 Wilmont Rd., Charlotte, North Carolina 28208 U.S.A.

AID FOR HARD OF HEARING -- Worn behind the ear, the high-output, high-gain "Maico Series S Hearing Aid" has two microminiature integrated circuits and an extended battery life. Standard features include a large, easy-to-feel volume control and a high-sensitivity telephone switch. Priced from $125 to $175, the device can be specially ordered with a variety of options. Agents are sought. WRITE: Maria E. Bonilla, Adm. Assist., American Overseas Trading Corp., Dept. CN, 4619 S. Carrollton Ave., New Orleans, Louisiana 70119 U.S.A. Telex: 682-1278. Cable: AMERICANO.

AUDIOMETRIC TESTER -- The "1723 Middle-Ear Analyzer" is a clinical/diagnostic unit for tympanometry, ipsilateral and contralateral acoustic-reflex and eustachian tube-function testing. Completely automatic or manual tympanometry can be performed at three sensitivities, two pressure ranges, and two recording speeds. A second version can additionally measure admittance (Y) and its components, susceptance (B), and conductance (G) with 220 Hz or 660 Hz as the probe tone frequency. Agents are sought for this unit which is priced from $6,230 to $7,330 FOB Littleton. WRITE: Donald A. Church, Sales Mgr., Grason-Stadler, Inc., Dept. CN, P.O. Box 1400, 537 Great Rd., Littleton, Massachusetts 01460 U.S.A.. Telex: 710-347-6892.

AUDIOMETRIC SCREENER -- The "GSI 28 Auto Tymp" is a screener that provides testing capability for tympanometry, acoustic reflex testing at 500, 1K, 2K, 4K Hz (both ipsilateral and contralateral), and screening audiometry (500, 1K, 2K, 4K Hz) at 25 and 35 dB HL via a supplied contralateral headset. The hand-held probe does not require entry into ear canal. Colored LEDs located at the end of the probe indicate test progress. The system prints out numeric test results and a tympanogram. Agents are sought for this device, which costs $2,950 FOB Littleton. WRITE: Donald A. Church, Sales Mgr., Grason-Stadler, Inc., Dept., CN, P.O. Box 1400, 537 Great Rd., Littleton, Massachusetts 01460 U.S.A. Telex: 710-347-6892.

STATE-OF-THE-ART AUDIOMETER -- The "GSI 16 Audiometer" is a new two-channel, clinical-diagnostic audiometer for standard testing that has increased mixing and routing capabilities for hearing-aid evaluations. The operator has complete control of testing-listening through the front panel loudspeaker or monitor headset, and viewing signal presentations for both channels via VU meters. Features include two separate, identical channels and a built-in power amplifier for sound field testing. Agents are sought for this device, which sells for $4,550 FOB Littleton. WRITE: Donald A. Church, Sales Mgr., Grason-Stadler, Inc., Dept. CN, P.O. Box 1400, 537 Great Rd., Littleton, Massachusetts 01460 U.S.A. Telex: 710-347-6892.

COMPACT DENTAL DELIVERY SYSTEM -- The "Simplicity Delivery System" provides air, water, and individual handpiece control. Compact and versatile, units can be mounted on a wall, cabinet, or arm, or underneath a counter. Each handpiece has its own air and water adjustment, and the holders are attached directly onto the block. Dealer inquiries are invited for this $360 system. WRITE: Della Berger, Sherwood Instruments, Dept. CN, 8190 Southwest Nimbus Ave., Beaverton, Oregon 97705 U.S.A. Telex: 53-2871.

VERSATILE NEW DENTAL CHAIR -- The "Slimline Dental Chair" features a completely molded fiberglass frame and reversible cushions which are easily removable for cleaning. This new chair, priced at $1,500, includes a five-year warranty on the two-motor base. Agents and distributors are sought for this product, which is described as durable and low priced. WRITE: Steve Conger, Pres., Olympic Trading Co., Dept. CN, 271 Wolfner Dr., Fenton, Missouri 63026 U.S.A. Telex: 53-2871.

SELF-CONTAINED DENTAL DELIVERY SYSTEM -- Agents and distributors are sought for this firm's "Mobile Unit," a completely self-contained delivery system with its own built-in air compressor, vacuum system, and water supply. Requiring only an electrical outlet to be fully operative, the movable unit is available with up to four handpiece hookups. Features include a three-way syringe, saliva ejector, foot control, two storage drawers, and electrical outlets. Available in 115 or 220 V, 50/60 cycles, it costs from $1,170 to $2,470. WRITE: Steve Conger, Chairman, Spartan U.S.A., Inc., Dept. CN, 1725 Larkin Williams Rd., Fenton, Missouri 63026 U.S.A. Telex: 53-2871.

DEVICE POSITIONS DENTAL X-RAYS -- The "Intrax Positioning System" guarantees that the film will be parallel to the X-ray beam, assuring an accurate X-ray. The system is said to be easy to use, with only two pieces for the anterior, posterior, and bite-wing positions. The intraoral instrument is cold sterilizable and may be used hundreds of times. Agents are sought for this $15 device. WRITE: William Winters, Sales Mgr., Flow X-Ray Corp., Dept. CN, 420 Hempstead Turnpike, West Hempstead, New York 11552 U.S.A. Telex: 22-1545.

UNIT PREPARES ROOT CANALS -- The "Dental/Cavitron Ultrasonic Endodontic Dental Unit" combines an ultrasonic scaling mode and an ultrasonic powered endodontic mode in one compact machine. In the endosonic mode the unit combines ultrasonic technology with mechanical and chemical techniques to create a new root canal therapy system said to produce smoother and cleaner canal walls. The price ranges from $1,200 to $1,300. WRITE: Valdis A. Kaneps, Export Mktg. Mgr., Dentsply International, Dept. CN, 570 W. College Ave., P.O. Box 872, York, Pennsylvania 17405 U.S.A. Telex: 685-1090 DENTS UW. Cable: DENTALINA.

DURABLE PLASTIC IMPRESSION TRAY -- The plastic, disposable "Ultra-Bite Tray" can be autoclaved for reuse. This quadrant three-in-one impression tray is available in regular and large sizes, has extra inserts, and is designed to prevent distortion of impressions. A box of 30 trays with 40 inserts costs $8.10 plus shipping. A catalog and free samples are available from the company, which is seeking agents, distributors, and licensees. WRITE: Dr. C. E. Moore, Pres., C.E. Moore Co., Dept. CN, 420 Magazine St., Tupelo, Mississippi 38801 U.S.A.

ELASTIC ORTHODONIC CLOSURES -- For use in orthodontic procedures, "Chain Elastics" provide a convenient material for closing space, ligating an entire archwire, consolidating space in an entire arch, or retracting the entire anterior segment. "Chain Elastics" are made of the highest quality elastomeric material, are tear-resistant, and are fast and easy to use. They are packaged on convenient 19.05-cm spools and are offered at $15/two-spool package. Agents and distributors are sought. WRITE: Robert Masel, President, Masel International Sales Corp., Dept. CN, 3021 Darnell Rd., Philadelphia, Pennsylvania 19154-3293 U.S.A. Telex: 83-4247.

ELECTRONIC APEX LOCATOR -- Dentists who perform root canal therapy will be interested in the "NEOSONO D-SE," which measures the length of the root canal electronically, eliminating measurement X-rays. The automated unit is designed to save time, improve accuracy, and reduce radiation exposure and post-operative pain. Warning signals automatically indicate the presence of interfering fluids in the canal as well as over-instrumentation. Agents are sought for this battery-operated device, which is priced from $270 to $330. WRITE: Dr. Jerome Farber, Vice Pres., American Medical & Dental Corp., Dept. CN, P.O. Box 733, Cherry Hill, New Jersey 08003 U.S.A. Telex: 83-1752 AMADENT DAVTURNER PHA.

HANDLE SECURES DENTAL FLOSS -- Dentists and hygienists will be interested in the "E-Z Dental Floss Holder," designed to facilitate cleaning between the teeth. Packaged in a convenient zip-lock bag, the floss holder fits into pocket, purse, or travel case. It holds up to 1.8 m of any type of flossing material and costs between $.50 and $.75 each. Distributors are sought. WRITE: Norma Lee Wallace, Mgr., E-Z Floss, Dept. CN, P.O. Box 954, Palm Springs, California 92263 U.S.A.

DENTURE RELINE MATERIAL -- Using "Total," a dentist can completely treat a patient in one 30-min visit without any special equipment, eliminating the time and expense of laboratory processing, the firm states. Available in either hard or soft formulations, this denture reline material is color-compatible with the denture base material. Each kit contains "Grab" bonding primer and sells for $10. WRITE: C. Allen Wagner, Jr., Pres., Stratford-Cookson Co., Dept. CN, 237 Jackson St., Newnan, Georgia 30264 U.S.A. Telex: 75-7078.

PLAQUE DISCLOSING KIT -- The "Plak-Lite Mirror Kit" includes a hand-held face mirror with a magnifying side to provide a method for effectively disclosing bacterial plaque. Disclosed plaque becomes visible when activated by the operatory light filtered through the bottom half of the mirror, which contains a specially designed cobalt-blue filter. Described as non-messy, this instrument costs between $12 and $15. Agents are sought. WRITE: Dr. Herbert Brilliant, Pres., Brilliant International, Inc., Dept. CN, 2008 Walnut St., Philadelphia, Pennsylvania 19103 U.S.A. Telex: 476-1132 NPN EXP.

SCALER-ELECTROSURGE DEVICE -- Dentists and veterinarians will be interested in this firm's combination "Scaler-Electrosurge," which can be used to clean teeth and cut tissue in humans and remove calcium deposits in the urinary tract of cats. A new slimline metal cabinet allows components to be stacked neatly on top of one another. Dealers, agents, and manufacturers are sought for this $695 product. WRITE: Steve Conger, Pres., Olympic Trading Co., Dept. CN, 271 Wolfner Dr., Fenton, Missouri 63026 U.S.A. Telex: 53-2871 OLTC.

INSTRUCTIONAL PACKAGE FOR DENTAL LABS — The "PTC Skill Learning System" provides step-by-step guidelines for making dental prostheses. The package consists of video cassettes, manuals, and other procedural guides designed to help laboratories standardize production. The package varies in price from $5,000 to $25,000 depending on components ordered. WRITE: Dan Fumento, Vice Pres., Productivity Training Corp., Dept. CN, 3150 Almaden Expressway, Ste. 110, San Jose, California 95118 U.S.A. Telex: 17-2914.

MATERIAL FOR DENTURES — An exclusive formula, "Teets Denture Material" can be used in producing dentures, retainers, partials, trays, and repairs. Easy to use in heat or cold treatments, the powdered material is sold in drums, in quantities ranging from .45 to 45 kg. Used by dental offices and labs throughout southern California, this material is said to be effective and competitively priced. The company is interested in end-users and agents. WRITE: Hal Rasmussen, Dir. of Mktg., R.G.L. Trading Co., Ltd., Dept. CN, 354 S. Spring St., Ste. 305, Los Angeles, California 90013 U.S.A. Telex: 19-4634.

EASY-TO-USE PORCELAIN SYSTEM — The "Shademate Porcelain System" involves a one-step build-up porcelain which is combined with pre-mixed shading porcelains to give the dental ceramist complete control of hue, value, and chroma when creating shades. The fast-drying system eliminates the need for body-enamel blending in porcelain-to-metal crown and bridge restorations. The firm prices this system between $500 and $600. WRITE: Valdis A. Kaneps, Export Mktg. Mgr., Dentsply International, Dept. CN, 570 W. College Ave., P.O. Box 872, York, Pennsylvania 17405 U.S.A. Telex: 685-1090 DENTS UW. Cable: DENTALINA.

CERAMIC FOR DENTAL CROWNS — Described as the first castable ceramic system for dental restoration, "Dicor" is said to achieve hardness, strength, wear-resistance, and thermal conductivity closely approximating the properties of natural teeth. This new ceramic restorative is priced from $13,000 to $14,000. WRITE: Valdis A. Kaneps, Export Mktg. Mgr., Dentsply International, Dept. CN, 570 W. College Ave., P.O. Box 872, York, Pennsylvania 17405 U.S.A. Telex: 685-1090 DENTS UW. Cable: DENTALINA.

NEW VACUUM FORMER — The dual-chambered, heavy-duty "Pro-Form Vacuum Former" can be used in the doctor's office or laboratory to form protective guards in minutes. Applications include athletic mouth guards, orthodontic positioners, space maintainers, custom fluoride trays, periodontal splints, temporary bridges, and crown forms. The company is looking for dealers and distributors for this $300 product. WRITE: Doug Murphy, Pres., Dental Resources, Dept. CN, 2160 Wayzata Blvd., Long Lake, Minnesota 55356 U.S.A. Telex: 53-2871.

MOBILE DENTAL CLINIC — Built within a raised-roof van, the "Bell II" is a fully equipped, self-contained mobile dental clinic. Each unit contains a portable dental chair, operatory unit, compressor and generator, sink, water storage, cabinetry, interior lighting and ventilation. Easily driven and operated by one person, this clinic offers an efficient, economical way to bring modern dental care anywhere in the world. It costs from $34,000 to $40,000. WRITE: Geoffrey A. Smith, Pres., Medical Coaches Inc., Dept. CN, P.O. Box 129, Oneonta, New York 13820 U.S.A. Telex: 510-241-8294. Cable: MEDICOACH, ONEONTA, N.Y.

DURABLE, CONVENIENT AMBULANCE — The "Road Rescue Ambulance" features a modular body unit of 100 percent aluminum construction which carries a lifetime warranty on the basic body structure. Interior cabinetry is all-aluminum vinyl wrapped and padded. The interior floor plan is designed for convenience, serviceability, durability, and safety. Agents and distributors are sought for this mobile medical unit, which costs between $45,000 and $75,000. The firm also makes custom orders. WRITE: William D. Huestis, Pres., Road Rescue, Inc., Dept. CN, 1133 Rankin St., St. Paul, Minnesota 55116 U.S.A.

TEACHING TAPES — Hospitals, medical schools and nursing schools can use this firm's medical educational videotapes, priced at $150 each. "Trauma," for example, is a three-part series for the training of emergency medical technicians. Part I outlines basic treatment, Part II continues basic trauma management, and Part III focuses on head trauma. The firm seeks distributors who understand professional medical markets. WRITE: Alan S. Kaminsky, Admin. Coordinator, Emory Medical Television Network, Emory University School of Medicine, Dept. CN, 1440 Clifton Rd. NE., Atlanta, Georgia 30322 U.S.A.

DRYING AGENTS FOR PHARMACEUTICALS — Manufacturers of over-the counter-and ethical drugs will be interested in this firm's moisture-absorbing dessicants. They contain clay and silica gel, and moisture and gas absorbents with molecular sieve, carbon, and a combination of materials to control moisture and odors. Sizes range from one-eighth-g to .45-kg bags. Custom sizes and printing are also available. The price ranges from $.14 to $1.90. WRITE: Randy Taussig, Mktg. Coordinator, N. T. Gates Co., Dept. CN, 6845 Westfield Ave., Pennsauken, New Jersey 08110 U.S.A.

ATTRACTIVE FOLDING SCREEN — This firm's "31-3C Screen with Casters" is fabricated of 2.5-cm aluminum tubing with four 5-cm casters on the legs. Its light weight makes it easy to move wherever privacy is needed, and its attractive design complements the decor of any setting. The curtains are made of flame-retardant bacteriostatic 6-mil white vinyl and can be easily removed when desired. The overall height is 175 cm and the width 69 cm. WRITE: Don R. Frank, Vice Pres., Winco Inc., Dept. CN, 3062 46th Ave. N., St. Petersburg, Florida 33714 U.S.A.

REFRIGERATOR USES SOLAR ENERGY — Designed to reduce power consumption and provide years of trouble-free operation in harsh environments, this firm's "Solar-Powered Refrigeration System" is said to operate with no fuel charges and virtually no maintenance or operating costs. Used extensively to store vaccines, medical supplies, and veterinary medicines, this refrigeration system is described as economical, safe, and practical. WRITE: Ray White, Mgr. of Mktg. Services, Solavolt Intl., Dept. CN, Box 2934, Phoenix, Arizona 85062 U.S.A. Telex: 24-9901.

HOSPITAL BED MATTRESS — The patented "Neuropedic Mattress" is a hospital bed mattress of four sections of polyurethane foam. Designed on the principle of balanced weight, it is said to help prevent bed sores and reduce or eliminate lower back pain. It has an antibacterial, waterproof cover and is available in institutional and consumer sizes. The price is $115 plus freight. Inquiries from dealers and sales agents are welcome. WRITE: Jerome M. Thier, Pres., Neurological Research & Development Group, Inc., Dept. CN, 120 N. Abington Rd., Clarks Summit, Pennsylvania 18411 U.S.A.

EMERGENCY EXTRICATION DEVICE — The "XP-One" is a medical device for close quarter extrication. It is designed to conform to patients, immobilizing them in comfort. Easy to apply and store, this complete extrication kit features a ballistic nylon cover with heavy nylon stays and straps. Lightweight and 100 percent nonabsorbent, the $150 device is X-ray translucent and has a collar that provides 360° support. Agents are sought. WRITE: John Hely, Dir. of Mktg., Medical Specialties, Inc., Dept. CN, 4911 Wilmont Rd., Charlotte, North Carolina 28208 U.S.A.

MEDICAL WATERMATTRESS — Used for bedsore prevention and treatment as well as burn care, the 7.6-liter "Rochester Modular Waterbed" does not require hoses, heat, pumps, or electricity as do other waterbeds. Recommended for a variety of home and institutional settings, the $55 mattress offers quick and simple installation, a low price, and unique safety features. The company seeks distributors and licensees, and will furnish references and scientific validation. WRITE: B. Weinstein, Pres., Rochester Modular Waterbeds, Inc., Dept. CN, 111 Oneta Rd., Rochester, New York 14617 U.S.A. Telex: 82842 RMW.

COMFORTABLE LIFTING CHAIR — The "Easy-Lift Cushion Lifting Chair" gently lifts a person to a standing position or lowers the patient to a sitting position. It also power-reclines and only needs to be 15.2 cm from the wall. The user presses an arm-mounted switch, starting or stopping the cushion or recline angle in any position. The chair operates on standard household electrical current and costs between $400 and $1,000. Dealers are sought. WRITE: R.F. Thomas, Jr., Vice Pres., Mktg., American Stair-Glide Corp., Dept. CN, 4001 E. 138th St., Grandview, Missouri 64030 U.S.A.

CONVENIENT STAIRWAY LIFT — The "Star-Glide Stairway Lift" allows a patient with limited mobility to ride comfortably up and down the stairs at home in a normal sitting position. A fingertip control switch allows the rider to start and stop anywhere along the track. Easy to install, the lift requires no special wiring and costs from $1,500 to $1,800. Dealers are sought. Write: R.F. Thomas, Jr., Vice Pres., Mktg., American Stair-Glide Corp., Dept. CN, 4001 E. 138th St., Grandview, Missouri 64030 U.S.A.

VERSATILE OVERBED TABLE — The "Model 1050 Tilt Top Overbed Table" features spring counter-balanced elevation from 74 to 112 cm and a five-position tilting 38- x 76-cm top. The table has a maximum angle of 45° in either direction, offering convenience for the bedridden patient. Uses include food service, writing, reading, and handicrafts. Agents and distributors are sought for this $70 table, as well as for the firm's full range of tables and side rails. WRITE: Jay Smart, Sales Mgr., Am Fab, Inc., 2525 Miller Rd., Kalamazoo, Michigan 49001 U.S.A.

PHARMACEUTICAL CONVEYOR SYSTEM — Designed for use in hospital pharmacies, the "RX Pharmacy Conveyor" features stainless steel construction and polyester belting for easy cleaning, as well as precision bearing and a d.c. motor for quiet operation (40 dB). The system has variable speed complete with a silicon rectifier controller, and it can be designed to individual needs and specifications. Agents are sought for the conveyor, which costs from $8,000 to $10,000. WRITE: Anil H. Dave, Vice Pres., Comstock Conveyor, Inc., Dept. CN, 1112 S. Santa Fe Ave., Los Angeles, California 90021 U.S.A.

SYSTEM CARRIES MEDICAL DATA — The motorized "Medical Records Conveyor" carries request slips and files in narrow vertical aluminum channels. The request slips are dispatched from the central control point to the different file areas, and the file clerk can then return the file in the center lane back to the central control point. This system is said to provide fast service while reducing the need for additional staff. Agents are sought for the conveyor, which is priced from $10,000 to $20,000. WRITE: Anil Dave, Vice Pres., Comstock Conveyor, Inc., Dept. CN, 1112 S. Santa Fe Ave., Los Angeles, California 90021 U.S.A.

HAIR TRIMMER AIDS BEDRIDDEN — The "Groomsman II Personal Trimmer" is a lightweight, easy-to-use personal grooming device. With its unique trimming guide, cutting and shaping hair and beards can be done quickly and accurately. Operating on three alkaline batteries, the device is adaptable for use during extended hospitalization, in nursing homes, and home health care environments. Agents and distributors are sought for this $10.50 product. WRITE: Noel Wallen, Vice Pres., Intl. Operations, Wahl Clipper Corp., Dept. CN, 2902 N. Locust St., Sterling, Illinois 61081 U.S.A. Telex: 46-8461.

EMERGENCY RESCUE VEHICLE — This firm's "Disaster Vehicle" is designed to carry rescue equipment and medical supplies for most disasters. Its body is constructed entirely of nonrusting .125 thick aluminum, and its compartment interiors, top, and other areas are constructed of diamond plate. The vehicle has ample storage for power rescue tools, generators, air compressors, and medical instruments. The company offers a wide selection of custom features and prices the vehicle at $35,000. Agents are sought. WRITE: Donald Pleasants, Pres., Universal Rescue Vehicles & Equipment, Dept. CN, P.O. Box 1196, Wake Forest, North Carolina 27587 U.S.A.

WHEELCHAIR CUSHION — Durable and easy to use, the "Jay Cushion" is described as the finest supportive and pressure sore preventative wheelchair cushion on the market. Specially contoured to reduce pressure on the ischials and the coccyx, the cushion encourages an upright posture and provides superior stability, according to the firm, which seeks distributors for this product. The price ranges from $75 to $300. WRITE: Eric Jay, Pres., Jay Medical, Ltd., Dept. CN, 805 Walnut, Boulder, Colorado 80302 U.S.A.

OINTMENT TREATS CANINE MANGE — Agents and distributors are sought for "Goodwinal Ointment," a standard treatment for demodectic and follicular mange in dogs. Easy to apply, this washable, odorless, nontoxic rotenone ointment was formulated to control itching and scratching. Nonstaining, it can be applied by hand without using gloves. It is sold in 28.3-g tubes that cost $24/doz. The firm, which seeks agents, also offers a rotenone shampoo as a companion product to the ointment. WRITE: Benedict Baron, Vice Pres., Goodwinol Products Corp., Dept. CN, 14 Larkfield Rd., East Northport, New York 11731 U.S.A.

HIGH-POTENCY MULTIVITAMIN — "Spectro" is described as an effective homeopathic dietary supplement available in fast acting, easy-to-swallow capsules. Taken six times a day, the capsules provide high potencies of vitamins and minerals as well as electrolytes, herbs, and digestive aids. Agents are sought for "Spectro" and for the firm's other herbal products which are priced from $2.50 to $3.50. WRITE: Clyde St. Clair, Mktg. Dir., Solaray, Inc., Dept. CN, 2815 Industrial Dr., Ogden, Utah, 84401 U.S.A.

STAINLESS STEEL BASSINET — Used in hospitals and maternity clinics, the "Thomas Lying-In Bassinet" features medical grade stainless steel and all-welded construction for ease of maintenance and durability. Other models and a variety of accessories are available to meet customers' specific needs. The price ranges from $300 to $700. Agents and distributors are sought. WRITE: Bruce T. Hord, Corp. Mgr., Intl. Sales, Wilson Div., Affiliated Hospital Products, Inc., Dept. CN, 1875 Harsh Ave. SE., Massillon, Ohio 44646 U.S.A. Telex: 98-3443.

DIARRHEA TREATMENT FOR LIVESTOCK AND PETS — Farmers, pet owners, and veterinarians will be interested in "Kaolin-Pectin," an orally administered aid in the treatment of noninfectious diarrhea in cattle, horses, dogs, and cats. The unit price ranges from $2.13 to $5.23. Agents and distributors are sought. WRITE: Charlotte Ury, Export Mgr., Dal-Vet Pharmaceuticals, Dept. CN, #10 Heritage Hills, R.R. 3, St. Joseph, Missouri 64505 U.S.A. Cable: PRAIRIESTJ.

TUNIC FOR MEDICAL PERSONNEL — Designed to be worn with skirt or pants, the "Slipover Tunic" features a boat neck, matching ribbed shoulder inserts, set-in sleeves finished with ribbed cuffs, and bottom side slits for modesty and ease of movement. Made of 50 percent cotton and 50 percent polyester, the tunic is available in a variety of colors and in sizes ranging from extra small to extra large. The price is about $8 each. WRITE: Dorothy King, Admin. Asst., Superior Surgical International, Dept. CN, Seminole Blvd. at 100 Terrace, Seminole, Florida 33542 U.S.A. Telex: 810-863-5624 Superior STB.

VERSATILE DISINFECTANT — "Determed" is a quaternary-based formula that serves as a disinfectant, detergent, and deodorizer used as a one-step system for the safe, effective, and cost-efficient maintenance of all environmental surfaces. Developed to control cross-infection from surface contact, "Determed" is recommended for laboratory glass ware and equipment, sink tops, bed pans, rest rooms, bed frames, surgical instruments, and recovery rooms. The price ranges from $7.50 to $8.50/3.8 liters. WRITE: Frank A. Zurek, Bio Med Laboratories, Dept. CN, 355 Sherman, Ste. 410, St. Paul, Minnesota 55102 U.S.A.

COLLAPSIBLE WHITE CANE — Made of lightweight aircraft aluminum, this durable "Collapsible White Cane" has four precision fitting joints that eliminate wobble and sticking. Two nylon stretch cords provide tension and permit the cane to collapse to one fourth its size. Other features include a "Golf Rite" putter grip, a nylon replaceable tip, and reflective tape said to offer better visibility at night than a painted surface. Retail or wholesale importers are sought for this cane, which costs from $11 to $16. WRITE: Ethel Mae Brookshire, White Cane Instruments for the Blind, Dept. CN, Rt. 3, Box 89A, Jenkins, Missouri 65605 U.S.A.

TOILET SEAT WITH HANDLES — The "Sheltering Arms Toilet Seat" is made of impact-resistant polypropylene, said to resist sterilizing chemicals better than polystyrene. Steel support arms have white rust-proof coating and are constructed of one continuous piece of steel with rounded piston grips for security. Each arm can support more than 136 kg. Easily mounted to any bowl type, flush valve, floor- or wall-mount toilet, the seat costs from $60 to $65. WRITE: Robert Neese, Export Mgr., Sanderson Plumbing Products, Inc., Dept. CN, P.O. Box 1367, Columbus, Mississippi 39703 U.S.A.

RUGGED DENTAL X-RAY UNIT -- The "AWR-Dual Dental X-Ray" features an oil-immersed tube with a 1.0 focal spot for sharp images and long life. The folding arm has self-lubricating bearings at all important pivots and is supported at the wall with a pillow-block pivot for extra stability. The control features stepless kVp selection with stabilized mA adjustments. The mA meter allows user calibration on a periodic basis. Agents ares sought for this $5,000 product. WRITE: William W. Morris, Pres., X-CEL X-Ray Corp., Dept. CN, 4220 Waller Dr., P.0. Box 67, Crystal Lake, Illinois 60014 U.S.A.

SUTURE SCISSORS -- The "Laschal Scissors-206" is a combination forceps and scissors suture remover. Made of durable stainless steel and electro-polished for optimum sterilization, the instrument is recommended for any situation where quick, safe removal of sutures is required. Agents are sought for the suture scissors, which are priced between $1.25 and $2.50. WRITE: S. J. Schiavone, Vice Pres., Laschal Instruments Corp., Dept. CN, 101-105 Cortlandt St., N. Tarrytown, New York 10591 U.S.A.

HEALTHCARE INFORMATION SYSTEM -- The "Basic Administrative System for Information Communication (BASIC)" is an economically priced, totally integrated information processing system for healthcare institutions. It supports major, high volume areas -- laboratory, radiology, pharmacy, for example -- through a single data base. Designed to make vital patient and management information immediately available to authorized personnel, this modular system can accept additional modules without disruptive, costly conversions. WRITE: Karen D. Lafferty, Mktg. Support Mgr., Datacare, Inc., Dept. CN, P.O. Box 8217, 2602 Franklin Rd. NW., Roanoke, Virginia 24014 U.S.A.

EXTERNAL CATHETER AND LEG BAG -- Available in male and female models, this firm's "External Catheter and Leg Bag" is designed for efficiency and convenience. The system features a catheter that reduces slippage and irritation, and a patented bag with an inlet and an outlet valve. Held in place by adjustable support straps, the catheter requires no sponge adhesive or constricting straps. The price is less than $1. WRITE: Frank A. Manfredi, Pres., Urology Research & Development Co., Dept. CN, P.0. Box 02544, Cleveland, Ohio 44102 U.S.A.

HIGH RESOLUTION FILM FOR CARDIAC IMAGING -- "VariCath 35mm Cine Film" offers superior detail and contrast resolution, coupled with excellent technical support, the firm states. The system includes developer and fixer solutions formulated to enhance and preserve the unique characteristics of the film, which is priced at $50/roll. The film is available on either an acetate or polyester base. Qualified distributors active in the cardiovasculer, X-ray, or cardiology markets are sought. WRITE: John H. Fonseca, Intl. Mktg. & Sales Mgr., Vari-X, Inc., Dept. CN, 17601 Fitch Ave., Irvine, California 92714 U.S.A. Telex: 29-5521.

VENTILATION SYSTEM -- The "Emerson 3MV Ventilator" is electrically powered, time cycled, and pressure limited. It can be ordered in adult or pediatric models, and its modular design allows it to be configured and used in a variety of ways. Designed for inexpensive maintenance, the unit features a sine wave inspiratory flow pattern said to be effective in patients with decreased lung compliance. All inquiries are welcome for this $7,430 system. WRITE: Joseph B. Gomez, Gen. Mgr., E & G International, Inc., Dept. CN, 269 Giralda Ave., Coral Gables, Florida 33134 U.S.A. Telex: 27-5399. Cable: EMERGO.

ESOPHAGEAL MOTILITY MONITOR -- The "Sandhill Model DMS/A Esophageal Motility System" is a totally integrated system contained within a mobile console. All functions are controlled by a keyboard and CRT through a microcomputer. An eight-channel recorder provides hard copy traces of four pressure channels and one each for swallow occurrance, EKG, respiration, and pH. Agents are sought for this $38,000 monitor. WRITE: Robert R. Grover, Consultant, Intl. Mktg., Sandhill Scientific, Inc., Dept. CN, 1501 W. Campus Dr., Unit N, Littleton, Colorado 80120 U.S.A. Telex: 45-0189.

FOREHEAD THERMOMETER -- This firm's new "Digital Thermometer" for measuring body temperature at the forehead is designed for safe usage, as there is no risk of mercury spillage. Unbreakable and easy to read, it is so compact that it can be carried in a wallet. The thermometer indicates the correct temperature in 15 seconds and, priced from $.20 to $.30, costs less than conventional models. The company seeks distributors worldwide. WRITE: A. E. Ekonomi, Pres., Tecfen Corp., Dept. CN, 5276 Hollister Ave., Ste. 451, Santa Barbara, California 93111 U.S.A. Telex: 28-9369.

ENDOSCOPIC EQUIPMENT CART -- The stainless steel "Bronk Cart" has drawers and bins for medical supplies, and fold-out shelves for additional work space. Powered by a retractable cable that can be plugged into a 115-V source, the unit features a flush-mounted panel to control electrical power to the light source, a high-intensity miniature lamp, a reading lamp, an optional suction pump, and several 115-V receptacles. Agents are sought for this $2,000 product. WRITE: W. Michael Brown, Vice Pres., Sales, B.F.E., Inc., Dept. CN, 12855 Phillips Hwy., P.O. Box 16846, Jacksonville, Florida 32216 U.S.A. Telex: 56-255.

NEEDLE EXTRACTS AMNIOTIC FLUID — This firm's new 22-ga "Dedicated Amniocentesis Needle" is designed to reduce trauma to the patient. Recommended to doctors and hospitals for the safe withdrawal of amniotic fluid, it has a tapered blunt aspirating cannula to reduce risk to the fetus. Other features include a precision ground cutting stylette and side openings to allow for debris-free aspiration. WRITE: Joel S. Williams, Vice Pres., Finance, Universal Medical Instrument Corp., Dept. CN, P.O. Box 100, Ballston Spa, New York 12020 U.S.A.

SHIELD PROTECTS GONADAL AREA — This firm's "Gonadal Shielding" protects male and female adults and children from X-ray radiation. Easy to install in hospitals and clinics, this manually operated, adjustable, sanitary shielding can be permanently mounted. It is said to eliminate the need for patient contact or coverings. Made of 1.5 MM lead for high K.V.P., it does not interfere with cables or existing equipment. Agents and distributors are sought for this $149 product. WRITE: Tom Russo, Export Mgr., C. B. Radiology Design, c/o Silver Sprink, Inc., Dept. CN, P.O. Box 1353, Greenville, North Carolina 27834 U.S.A. TWX: 510-929-1613.

ONE-MINUTE BLOOD TEST — The "System 8000 Hematology Analyzer" combines eight tests and provides an automatic printout of the hematology profile in one minute, the firm states. The microprocessor-controlled, self-cleaning device requires little servicing and can produce 60 samples/h, including dilution preparation time. It provides hands-off sample preparation and includes a self-diagnostic program. The price is $17,200 FOB. WRITE: Ingrid Ulshafer, Communications Coordinator, Baker Instruments Corp., Dept. CN, 100 Cascade Dr., P.O. Box 2168, Allentown, Pennsylvania 18001 U.S.A. Telex: 510-651-2345.

STEP CAN STORES COMBUSTIBLE WASTE — The 91-liter "ST24 Steel Step Can" comes with either a galvanized steel, rigid plastic, or canvas bag liner. A foot pedal operates the self-closing top, and stainless steel legs protect the floor. The can features a fire-extinguishing design, contoured top for maximum infection and odor control, and quiet operation. Available in stainless steel or with white baked enamel finish, the can costs from $51 to $193. Agents and distributors are sought. WRITE: John M. Knaut, Dir. of Mktg. & Sales, United Marketing, Inc., Dept. CN, 14th & Laurel Sts., P.O. Box 870, Pottsville, Pennsylvvania 17901 U.S.A. Target: [1] [2] [3] [4] [5] [6] [7] [8].

ADJUSTABLE SUPPORT ASSEMBLY HOLDS EQUIPMENT — "As-A-Hook" holds lightweight medical equipment, decreasing nursing assistance and permitting patients to be more self-sufficient. Made of FDA-approved, high-quality engineering plastic and stainless steel parts, it can be autoclaved, sterilized, or disinfected. It attaches to IV poles, wheelchairs, stretchers, or beds and secures foley bags, extra IV solutions, and naso-gastric and chest tubings. The price ranges from $7.75 to $11.74. WRITE: Harvey M. Dumoff, Pres., Mina Manufacturing, Inc., Dept. CN, 3222 Pearl St., Endwell, New York 13760 U.S.A.

STURDY HOSPITAL CRIB — This firm's "Hospital Crib" is made of chrome-plated steel for easy cleaning. Available with gatch or flat springs, it comes in eight sizes, ranging from infant to adult, and costs from $650 to $1,500. A special vinyl top is available for use with very active patients, and all controls are easily accessible to the nurse but out of the patient's reach. Gaps are no larger than 6 cm, which prevents patients from being trapped in the openings. Durable and maintenance free, the crib features rails that lower from both sides and drop below mattress level or stop at five different positions. Agents and distributors are sought. WRITE: David S. Brogden, Export Mgr., Hard International, Dept. CN, 226 S. 16th St., Philadelphia, Pennsylvania 19103 U.S.A. Telex: 83-4778 PHA. Cable: BANTEX.

OCULAR PNEUMO PLETHYSMOGRAPH — The "Gee/O.P.G., Model OPG-2 LP" provides rapid screening of potential stroke patients for hemodynamically significant carotid artery stenosis. It records simultaneous bilateral opthalmic artery systolic pressure. Said to have a high degree of patient acceptance, this instrument features simplified microprocessor operation to reduce the chance of error and requirement levels for technologist training. Priced at $11,750, the "Gee/O.P.G." allows for rapid and simple interpretation. WRITE: Don Kjartanson, Mktg. Mgr., Electro-Diagnostic Instruments, Dept. CN, 3401 Winona Ave., Burbank, California 91504 U.S.A. Telex: 36-4412INTR ID#462.

FILM PROCESSOR FOR CORONARY ANGIOGRAPHY — Occupying only 0.6 m2, the compact "Cardiomatic Film Processor" is constructed entirely of chemical-resistant materials and features built-in "lights on" film loading and processing as well as variable speed controls, replenishment rate flow control, and temperature regulation to allow processing according to any film manufacturer's specifications. Agents are sought for this $18,000 unit. WRITE: John H. Fonseca, Intl. Mktg. & Sales Mgr., Vari-X, Inc., Dept. CN, 17601 Fitch Ave., Irvine, California 92714 U.S.A. Telex: 29-5521.

COMPUTER-AIDED DIAGNOSTIC SYSTEM — Developed for use in areas lacking trained health care personnel, the "Triage Medical Diagnostic System" serves as a direct representative of the physician to insure that medical policies on treatment and primary care are completely met. Priced from $15,000 to $20,000, this computer-aided system is custom designed to meet varying medical needs anywhere in the world. Agents are sought. WRITE: Paul D. Bradford, Vice Pres., Bradford Brothers, Inc., Dept. CN, 8137 E. 63rd Pl., #8, Tulsa, Oklahoma 74133 U.S.A.

MICROFILM CHIP HOLDS MEDICAL HISTORY — Users of the "Vital Microfilm Medical ID System" can carry their entire medical history and other personal information on a small plastic card, eliminating the need for a medical ID bracelet. Available in either a $15 wallet size or a $20 key-ring size, "Vital" is claimed to speed emergency treatment and hospital admissions. Distributors are sought for this product. WRITE: Michael A. Markowski, Sales Mgr., Medical Information Systems Div., Dept. CN, Lock Box 234, Hummelstown, Pennsylvania 17036 U.S.A.

SPORTS BRACE ASSORTMENT — Retailers carrying sports injury braces can use this firm's "Sports Brace Center" to display commonly used and prescribed sports injury braces. The display rack holds braces constructed of neoprene rubber with firm elasticity so that body heat is reflected to the bones and joints of the injured areas. Distributors are sought for this $465 product. WRITE: Ginny Faught, Export Mgr., Surgical Appliance Industries, Inc., Dept. CN, 3960 Rosslyn Dr., Cincinnati, Ohio 45209 U.S.A. Telex: 810-461-2469 SAI INC CN. Cable: HIOTRUSSCO.

BRUSH CLEANS BETWEEN TEETH AND GUMS — Designed to improve oral hygiene and prevent tooth loss, the "Periobrush" features a special plastic cover which can prevent gum and tooth injury during use, according to its manufacturer. Part of the firm's specially designed group of oral hygiene products, it is claimed to be especially helpful to those with crown, bridge, or orthodontic work. Hygienists and dentists, as well as individual consumers, will be interested in this unique product. WRITE: Catherine Janezic, Export Coordinator, Lactona Corp., Dept. CN, 1330 Industry Rd., Hatfield, Pennsylvania 19440 U.S.A. TWX: 510-661-6648. Cable: UNDICO.

MACHINE POLISHES EYEGLASSES — Optical laboratories and sales outlets can use this firm's "Peacemaker 20/20" to polish the surface of plastic and glass eyeglass lenses. Its patented polishing motion is said to require less time than other equipment and is claimed to increase productivity 20 to 30 percent over other machines. Its modular mechanical design features sealed ball bearings and requires little maintenance. Several options are available for this machine, which is priced from $4,800 to $6,000. Agents and distributors are sought. WRITE: George M. J. Sarofeen, Pres., RxTec, Inc., Dept. CN, 2901 Maury St., Richmond, Virginia 23224 U.S.A.

MASSAGER RELIEVES ACHES — Individuals suffering from minor aches and sore muscles can use the "Wahl Powersage Swedish Style Massager" to obtain relief, according to the manufacturer. Its welded arm and coil construction and powerful vibration transmit the kneading action of the fingers to the area being massaged. Comfortable bands hold the massager firmly to the back of the hand. Agents are sought for this $14.50 device, which is available in all standard voltages and cyclages. WRITE: Noel H. Wallen, Vice Pres. of Intl. Sales, Wahl Clipper Corp., Dept. CN, 2902 N. Locust St., Sterling, Illinois 61081 U.S.A.

EYE TESTING MACHINE USES PC — Said to be the first full bowl perimeter which can be operated by an IBM Personal Computer, the "Quantum 412" performs 28 tests to determine vision problems in patients. The Quantum machine can automatically determine a patient's threshold level at the start of screening and full threshold tests. This $7,995 product, for which agents are sought, includes a special bowl with 412 LED targets placed behind a washable, scratch-resistant viewing surface. WRITE: Francis J. Porter III, Vice Pres., Keta Corp., Dept. CN, 9 Canal St., Danvers, Massachusetts 01923 U.S.A. Telex: 94-0755. Target: [7]

LIGHTWEIGHT DEVICE RECORDS PATIENT DATA — Continuous 24-hour recording of patient data is possible with this lightweight recorder. The "Holter Performer" is compatible with all major Holter scanning devices. Patient hook-up is simpler than with a routine ECG. Agents and distributors are sought for this recorder, which is available either as a $695 reel-to-reel or as a $1,049 cassette tape recorder. WRITE: Michael D. Mullenniex, Pres., Far West Trading Co., Dept. CN, 5587 Kiowa Dr., La Mesa, California 92041 U.S.A. Telex: 18-8912 ASID UT.

CT SYSTEM CAN BE UPGRADED — This firm's modular CT scanner can produce images of internal structures within the body by means of 600 solid-state detectors, and may eliminate the need for exploratory surgery. It can be economically upgraded to 2,400 detectors, the firm says. Agents are sought for this fourth-generation CT system, which can take up to 5 million data points and perform a scan in as little as 2.5 seconds. The price ranges from $400,000 to $1.2 million. WRITE: Anthony A. Pinardi, Mktg. Dir., N.W.S. Inc., Dept. CN, P.O. Box 62, Westminster, Maryland 21157 U.S.A. Telex: 75-3672.

MATTRESS HAS REPLACEABLE PARTS — The "Denison Replaceable Parts Mattress" has panels that unzip so that the innerspring, outer cover, and padding can be replaced when they are worn, eliminating the need to replace the entire mattress. Other features include inert and non-allergenic padding, an ability to resist bacterial growth, and odor resistance. Agents are sought for this mattress, which is unconditionally guaranteed for five years and is priced from $130. WRITE: T.W. Marsico, Denison Mattress Factory, Dept. CN, 1001-31 W. Owings St., Denison, Texas 75020 U.S.A.

CONVENIENT NEEDLE DISPOSAL — Danger from needle-stick injuries in hospitals is reduced with the "No-Cut Needle Disposal System," which costs from $70 to $95/case. The system consists of a rigid plastic container with a convenient carrying handle that holds three sizes of syringes. The system eliminates the need for needle resheathing and is completely disposable. Distributors are sought for this product. WRITE: Timothy R. Lott, Pres., Datar, Inc., Dept. CN, P.O. Box 442, Long Lake, Minnesota 55356 U.S.A.

DIAGNOSTIC AID FOR THYROID DISORDERS — This firm offers a complete "Thyroid Antibody Test Kit" for the detection of three antithyroid autoantibodies directed against the thyroglobulin, the microsomal antigen and the second colloid, by immunoflourescence. Each kit contains twelve 4-well substrate slides with sections of monkey thyroid, FITC conjugate, controls, mounting medium, PBS powder, blotters, and instructions for use. Distributors are sought for this $150 kit. Its components can also be ordered individually. WRITE: Paul Bartl, Vice President, MeDiCa, Dept. CN, 2382 Camino Vida Roble, Ste. I, Carlsbad, California 92008 U.S.A. Telex: TRT 14-0414 DUBOIS SD, Attn: MeDiCa.

PORTABLE KIT FOR RAPID DIAGNOSIS — The shock-resistant "Portable Diagnostic Laboratory" permits the early identification and control of infectious diseases in remote or rural areas. It includes systems for quick, accurate diagnosis of a wide range of diseases, including cerebrospinal meningitis, streptococcal diseases, hepatitis, malaria, and tuberculosis. Field tested on WHO projects since 1978, the kit costs from $8,000 to $9,000. The manufacturer seeks agents competent in medical equipment and government sales. WRITE: Warren R. Sanborn, Mg. Dirl, Portable Medical Labs, Inc., Dept. CN, P.O. Box 667, Solana Beach, California 92075 U.S.A. ITT: 499-4849 IRCSD.

RADIAL IMMUNODIFFUSION TEST KIT — The "Antithrombin III" diagnostic kit for the presence of antithrombin in humans is said to be the only product of its kind available for certain medical diagnostic procedures. Each kit contains three radial immunodiffusion plats each containing 24 wells, along with standards. Plates alone are also available. Hospital and university laboratories will be interested in this $100 product. Agents and distributors are sought. WRITE: A.H. Jorgensen, Pres., Kent Laboratories, Inc., Dept. CN, 23404 N.E. 8th St., Redmond, Washington 98053 U.S.A.

PORTABLE SPIROMETER — The hand-held, battery-operated "Pulmometer" measures lung forced vital capacity, forced expiratory volume in first, second and maximum ventilation volume. Designed for use by asthma patients, anesthesiologiest, therapists, and examining physicians, the $180 device can be used in emergency medicine, insurance exams of lung function, and industrial safety physicals. Agencs are sought. WRITE: Tom Rinaman, Vice Pres., KinetiX, Inc., Dept. CN, 118 Rt. 17 N., Upper Saddle River, New Jersey 07458 U.S.A.

INEXPENSIVE IN-HOME PREGNANCY TEST KIT — Utilizing latex fixation reagents which detect the pregnancy hormone HCG, the "Generic Pregnancy Test (GPT)" is accurate, inexpensive and easy to use. This quick, reliable, in-vitro diagnostic kit produces test results in 1-1/2 hours, and its packaging serves as a urine sample collector, making the GPT fully self-contained. The test kit is proced from $2.30 to $3.50 and the company is seeking distributors worldwide. WRITE: Lionel Rush, Export Mgr., Medical Group, XPORT, Port Authority Trading Co., Dept. CN, One World Trade Center, 55 NE., New York, New York 10048 U.S.A. Telex: 42-7346 NYANDNJ.

SURFACTOMETER TESTS FOR INFANT RESPIRATORY DISTRESS — The new "AmnioTech RDS/100" performs a two-minute test to predict Respiratory Distress Syndrome (RDS). By analyzing a 1-ml sample of amniotic fluid, this instrument accurately predicts the risk of RDS before birth. It does not require a laboratory and can be easily performed by any available medical personnel. Distributors are sought for this innovative $4,000 product. WRITE: Michael Beng, Pres., Medical Equipment Designs, Dept. CN, 23521 Ridge Route Dr., Ste. A, Laguna Hills, California 92653 U.S.A. Telex: 18-2633.

UNIT MEASURES THERMAL SENSITIVITY — For use by diabetic and neurologic research centers, the "NTE-2 Thermal Sensitivity Tester" by Sensortek measures the temperature sensitivity of a patient's hands or feet. The system offers thermoelectric (Peltier) plates that allow operation above and below ambient temperature, a "TH-7D" differential thermometer that gives a direct reading of the temperature difference, and easy-to-read LCD displays. Agents and distributors are sought worldwide for the $5,600 system. WRITE: Lionel Rush, Export Mgr., Medical Group, XPORT, Port Authority Trading Co., Dept. CN, One World Trade Center, 55 NE., New York, New York 10048 U.S.A. Telex: 42-7436 NYANDNJ.

DIGITAL ANGIOGRAPHY SYSTEM — Designed to save time and money for radiologists, hospital administrators, surgeons, and other medical personnel, the new "AngioPlus" features an exclusive digital imaging process, mobility, and a price less than $170,000. In addition to producing single angiograms, this system's imaging process displays the entire procedure in real time — similar to a moving picture. WRITE: Benno Lotz, Pres., OEC Medical Systems, Inc. Dept. CN, 2341 S. 2300 West St., Salt Lake City, Utah 84119 U.S.A. Telex: 925-5173.

DEVICE MEASURES BLOOD CLOTTING TIMES — Featuring a microprocessor with digital display and automatic printout, the "Model 300 Heparinometer" automatically detects and measures blood clotting times, and calculates and prints individualized heparin profiles. From this prescribed profile, a regimen for heparin bolus, infusion rate and stop time is determined for the patient. Designed for incorporation into routine dialysis treatments, the "Heparinometer" is lightweight at 6.8 kg. It is also battery-powered, providing portability for station or bedside use. Qualified distributors are sought for this $2,500 product. WRITE: George Zuments, Dir. of Mktg., Mesa Medical, Inc., Dept. CN, 3904 Youngfield St., Wheat Ridge, Colorado 80033. U.S.A. Telex: 82-1485.

PRE-PROGRAMMED NERVE STIMULATOR — "Biomate," a pre-programmed nerve stimulator for pain control, has five treatment modes and is switch activated for easy use. After treatment has been determined, the unit, powered by a 9-V battery, is switched to the appropriate mode and the intensity is adjusted for individual patient comfort. Two channels allow treatment of one or more pain sites using two, three or four electrodes. The complete pain management system includes "Biomate" stimulator with cables, electrodes, gel, patches, battery, instruction manual and a list of common pain syndromes with the recommended treatment mode. Agents and distributors are sought for this product which is priced from $190 to $495. WRITE: Ronald A. Ferreira, Vice Pres., Biostim, Inc., Dept. CN, Clarksville Rd. & Everett Dr., P.O. Box 3138, Princeton, New Jersey 08540 U.S.A. Telex: TWX 6223-9020.

STRESS ELECTRODE — This firm's "Go-Ped & Pace" has an aggressive adhesive yet can be worn with no tissue problems up to five to seven days, the firm states, Easy to open and use in emergencies, the electrode has 360o accessibility and superior electrophysiological characteristics that provide a strong signal and high fidelity. Advantages include low offset voltages, zero drift, quick recovery, and long shelf life. Units are packaged in groups of 25 or custom packaged. The price ranges from $.35 to $.45. Agents are sought. WRITE: Gordon O'Neil, Pres., Rogo Medical, Inc., Dept. CN, P.O. Box 5186, 1710 Donlon St., Ventura, California 93003 U.S.A.

UNIT MEASURES AIRWAY PRESSURE — The protable "APM-1 Airway Pressure Monitor" is a lightweight, hand-held monitor which measures respiratory rate, peak, mean, and distending pressures. The instrument, powered by a rechargeable battery, is designed to provide information on pressures applied to the patient's lungs during artificial ventilation with ventilators, resuscitators, or anesthesia machines. Distributors are sought for this $800 monitor and the firm's other products. WRITE: Mark V. Beran, Vice Pres., Respiratory Support Products, Dept. CN, 3183-D Airway Ave., Costa Mesa, California 92626 U.S.A.

BED MONITOR — The "Bed-Check II - IFAC" automatically monitors patients who might fall if they try to get out of bed. This totally portable in-room alarm system features variable time delay and is described as easy to use. The firm states that the "Bed-Check" was developed with the help of nurses to facilitate nursing duties and to improve patient care. Videotapes are available on request; state size desired. Agents and distributors are sought for this $250 system. WRITE: R. D. Blaker, Pres., Bed-Check Corp., Dept. CN, 5127 S. Lewis, Ste. 18, P.O. Box 170, Tulsa, Oklahoma 74101 U.S.A.

MACHINE FOR CATARACT REMOVAL — Designed for vitreous surgery and cataract removal, the "X-Flo Model 400" is described as small, self-contained, and easily transported. Color coded for easy use, it features fully assembled kits for each procedure, three vacuum levels, automatic controls, and instant vacuum release. Agents and distributors are sought for this system, which is priced from $4,000 to $6,000. WRITE: Frank D. Camperlengo, Vice Pres., Contemporary Surgical Systems, Inc., Dept. CN, 1832 Tyler St., Hollywood, Florida 33020 U.S.A.

COATING FOR PLASTIC LENSES — "Lenstar 2000" is a durable coating designed to make all plastic optical lenses scratch resistant. The coating is said to remain clear and bright, free of cracks and distortion, under the most rigorous tests, including boiling, freezing, rubbing with steel wool, and dropping on hard surfaces. Formerly available only from lens manufacturers, this $200-$400 product can now be applied in offices at a fraction of the manufacturer's charges, according to the firm, which is actively looking for agents and distributors. WRITE: J. L. Handman, Pres., PRO-TEC Industries, Inc., Dept. CN, 2303 W. McNab Rd., Pompano Beach, Florida 33069 U.S.A. Telex: 51-4338.

PERITONEAL CATHETER IMPLANT SYSTEM — The "VITEC CAPD System I (Visual Implantation of the Tenckhoff Catheter)" uses a 2.2 mm (diameter) x 150 mm (length) "Needlescope" for optical inspection and placement of the peritoneal catheter using an expandable "Quill Catheter Guide." It is designed to reduce failure rates from adhesions, fluid leaks, outflow obstructions, and infections. The system costs from $67 to $5,250 depending on options chosen. WRITE: John A. Navis, Pres., Janin Group/Medigroup, Inc., Dept. CN, 350 Smoke Tree Plaza, North Aurora, Illinois 60542 U.S.A. Telex: 020-6853.

ECONOMICAL LAVAGE — "Colyte" is an orally administered lavage preparation which cleanses the bowel rapidly in prepration for gastrointestinal examination or surgery. Said to work in less than five hours, this product eliminates the need for liquid diets and enemas and does not significantly alter water or electrolyte balances, according to the firm. Easier on the patient, the product is designed to allow excellent visualization by the physician. Agents are sought for "Colyte," which sells in powder form for $150/case. WRITE: Edwina Marks, Pres., Edlaw Preparations, Inc., Dept. CN, 195 B Central Ave., Farmingdale, New York 11735 U.S.A. Telex: 686-2079.

PREFORATED VINYL SUPPORTS — For use with minor fractures of the wrist and ligamentous injuries, this firm's "Wrist and Forearm Splint" provides additional support after cast removal and protects sutures. Made of perforated vinyl laminated to flannel, it features foam strip lining, a wide malleable palmar support, two hook and loop closures, and a malleable dorsal support at the forearm. Available in sizes from extra small to extra large, the $8.92 splint must be specified right or left. Agents and distributors are sought. WRITE: Mary Geddes, Sales & Mktg. Coordinator, All Orthopedic Appliances, 74 NE. 75th St., Miami, Florida 33138 U.S.A. Telex: 681-1353.

CANAL DAM FOR EAR IMPRESSION — The "Oto Block" is a plastic earplug placed after the first canal bend to assure an accurate ear impression taken for the purpose of hearing aid earmold fabrication. It is shown at the tip of the "Oto Probe," the firm's lucite-tipped earlight. Available in small, medium, and large sizes, this earplug is sold in packages of fifty that cost $4. Agents are sought for this item and the firm's related products, and inquiries for distributor volume discounts are invited. WRITE: Ken Shaul, Purchasing Mgr., NU-EAR Electronics, Dept. CN, 3571 Corporate Court, San Diego, California 92123 U.S.A.

STOCK CANAL AID — Described as the smallest available hearing aid, the "AMP" features a shell design said to fit 75 to 80 percent of all ears. Manufactured in right and left versions, it can be worn immediately without waiding for ear impressions and custom-molded shells. With maximum acoustic gain of 30 dB and acoustic output of 109 dB sspl, this $112 aid delivers superior performance with minimal fitting effort, according to the manufacturer. Agents are sought. WRITE: William D. Wade, Dir., Intl. Mktg., Auditone Div., Lear Siegler, Dept. CN, 2422 W. Holly, Phoenix, Arizona 85009 U.S.A. Telex: 910-950-0197.

TOOTHPASTE TREATS GUM DISORDERS — "Perident Salt Toothpaste" is a saline-base dentifrice designed to treat inflammatory periodontal disorders. This mint-flavored, detergent-free formula helps to restore color, circulation, and firmness to the gums. Agents and distributors are sought for "Perident," which costs $1.35/tube. WRITE: Bill Menard, Pres., The Perident Co., Dept. CN, P.O. Box 2686, 152 Utah Ave., South San Francisco, California 94083 U.S.A.

PORCELAIN AND PLASTIC TEETH — "Truform and Econacryl Artificial Teeth" are available in both porcelain and acrylic in a range of shades and molds at economical prices. The attractive molds are said to provide maximum patient comfort in both anatomical and functional forms. Agents and distributors are sought. WRITE: Catherine Janezic, Export Coordinator, Universal Dental, Dept. CN, 1330 Industry Rd., Hatfield, Pennsylvania 19440 U.S.A. Telex: 510-661-6648.

QUICK HEAT APPLICANCE REPAIR — Designed as a time saving tool for dental laboratories, this firm's "Electric Soldering Machine" uses quick heat for instant repairs without using a torch. Clasps, bars, rest, and other solder joints need not be invested, and there is no distortion of parts because the user does not have to remove the case from the model. Available in 110 or 220 V, the machine costs from $185 to $250. Agents and distributors are sought. WRITEL Ronald L. Schwarcz, Gen. Mgr., Yates & Bird, Div. of Bird-X, Inc., Dept. CN, 325 W. Huron St., Chicago, Illinois 60610 U.S.A. Telex: 25-5159.

EMERGENCY MEDICAL TRAILER — This firm's "Monarch" is custom designed and build to help medical personnel save lives during a disaster by providing essential supplies and equipment at quickly and efficiently as possible. Fully equipped with everything from stretchers to syringes, this compact, heavy-duty trailer is easily moved by land or air to the site of any disaster. The price ranges from $80,000 to $90,000. WRITE: Geoffrey A. Smith, Pres., Medical Coaches Inc., Dept. CN, P.O. Box 129, Oneonta, New York 13820 U.S.A. Telex: 510-241-8294. Cable: MEDICOACH, ONEONTA, N.Y.

AUTOMATED POWDER FILLER — This firm's microprocessor-controlled "PF Series Powder Filler" for manufacturers of drugs and cosmetics features a totally enclosed filling system, eliminating the need for a dust collector. The filling nozzles enter the container for each fill, preventing the dusting of powder on the vial neck. The fillers are available with two to eight filling stations for outputs from 70 to 225 containers/min. The price ranges from $35,000 to $50,000. WRITE: George A. Popper, Mgr., Intl. Sales, Cozzoli International, Dept. CN, 401 E. Third St., Plainfield, New Jersey 07060 U.S.A. Telex: 17-8007.

TEFLON ISOLATION VALVES — This firm seeks agents and distributors for its "Biomedical Valves" which have applications in the biomedical and semiconductor industries. The isolation, pinch, and sub-miniature valves are recommended for any area where small space, low power, precision micro measurements, and high purity are at a premium. The valve body is precision-machined from TFE, inert corrosion-resistant Teflon, while the valve core is machined from steel which is then nickel-chromium plated. Priced from $30 to $160, the valves may also be custom ordered. WRITE: Lionel Rush, Export Mgr., Medical Group, XPORT, Port Authority Trading Co., Dept. CN, One World Trade Center, 55 NE., New York, New York 10048 U.S.A. Telex: 42-7346 NYANDNJ.

TOILET SEAT LIFTER — For infection control at the source of contagion, germproof "Liftit" provides a safe, affordable way to raise or lower a toilet seat without hand contact. This fully patented device is said to have brought a 30 percent reduction in nosocomial infection in accreditated hospitals the first year of use. Agents and distributors are sought for this product, which is approved by the EPA and FDA. WRITE: Hickory Blish, Vice Pres. of Sales, Liftit Co., Dept. CN, 1816 Lincoln Park, Chicago, Illinois 60614 U.S.A.

SOLUBLE PEPSIN ENZYME — For use in cheesemaking, as a digestive aid, and in diagnostic products, "Pepsin" is a new product that is 100 percent soluble in water and essentially clear in ethyl alcohol. It is offered in granular form which provides ease of solubility without dust. "Pepsin" is offered at 1:3000 up to 1:15,000 activity and is priced from $45 to $55/kg. WRITE: J. E. Jackson, Pres., American Laboratories, Inc., Dept. CN, 4410 S. 102nd St., Omaha, Nebraska 68124 U.S.A. Telex: 910-622-0322.

Housewares

SPECIAL CLEANER FOR CERAMIC AND GLASS COOKWARE AND STOVE TOPS — Cooks and housekeepers will be interested in "Attack Cleaner Conditioner," said to be a unique formulation that will clean many kinds of cookware and also provide a protective shield to make the next cleaning easier. The company especially recommends it for cleaning Pyrex, U.S. Corning cookware ceramic stovetops, European Schott glass, stainless steel, chrome, and porcelain. A 227-g bottle is priced at $1.50. WRITE: Ron Phillips, Pres., RMI Industries, Dept. CN, P.O. Box 10457, 1000 Commerce St., Lynchburg, Virginia 24506 U.S.A.

BAGLESS VACUUM CLEANER — The powerful "Filter Queen KNK 31X" is said to have the highest suction power of household vacuum cleaners and features a unique filtration system that removes up to 99.5 percent of all indoor air pollutants. This bagless unit can be used in domestic households, hospitals, research labs, or anywhere clean air is essential. Optional accessories available include hairdryer, sprayer, vibrator, massage unit, and absolute filter. The firm is seeking direct sale (door-to-door) distributors for this product. WRITE: George J. Przybylek, Intl. Sales Mgr., Health-Mor, Inc., Dept. CN, 151 E. 22nd St., Lombard, Illinois 60148 U.S.A. Telex: 433-0056.

FAUCET FOR SMALL CONTAINERS — Manufacturers of beverage machines, containers, or jars who need a low-cost faucet will be interested in the simply designed, easy-to-operate "Tube Tap Faucet." This faucet for small tanks or containers is injection molded from rigid polypropylene thermo plastic. A living hinge joins a one-piece handle/lever to the body and a tubular seal is held in the faucet without fasteners. The "Tube Tap Faucet" is designed to dispense a variety of beverages and liquids at low pressure from 0° C to 50° C. The price of this product ranges from $.16 to $.52. WRITE: Raymond Frabotta, Vice Pres., Export Sales, Tomlinson Industries, Dept. CN, 13700 Broadway, Cleveland, Ohio 44125 U.S.A. Telex: 98-5409. Cable: NO-DRIP.

CUSHIONED ACTION CHAIR — The patented "Savanna Swivel-Rocker" is an all-weather chair with polyester-filled cushions covered with a tough, all-weather weave. The welded tubular steel frame, protected with a durable zinc prime coat and oven-cured with a fused polyester paint, is made for rugged activity. The $88 chair weighs 16.33 kg and measures .2549 m3. Distributors are sought. WRITE: J. B. Koons, Dir. of Import/Export Operations, Homecrest Industries, Inc., Dept. CN, International Market Square, 275 Market St., Ste. 184, Minneapolis, Minnesota 55405. Telex: 38-6680.

HOME BOTTLING SYSTEM FOR SOFT DRINKS — Designed to reduce beverage costs by 50 percent, the "Insty Pop System" features a cylinder that fits under the sink and produces 800 liters of supermarket-quality carbonated drinks before needing a refill. Plastic reusable two-liter bottles and a water filter are included, and low-cost powder flavors are available. Distributors are sought. The U.S. retail price for the demonstration unit is $179. WRITE: George Van Doren, Dir. of Mktg., Insty Pop Systems, Dept. CN, 5426 Meadowcreek, Ste. 2005, Dallas, Texas 75248 U.S.A.

DURABLE SLING ACTION CHAIR — Recommended for casual seating, dining, and lounging, the "Majorca Swivel-Rocker" has a patented rock-and-swivel mechanism, durable welded tubular steel frame, and sling body of rugged all-weather fabric available in exclusive patterns. The chair weighs 15.88 kg, measures .2464 m3, and costs $74 FOB East or West Coast. Distributors are sought. WRITE: J. B. Koons, Dir. of Import/Export Operations, Homecrest Industries, Inc., Dept. CN, International Market Square, 275 Market St., Ste. 184, Minneapolis, Minnesota 55405 U.S.A. Telex: 38-6680.

STRAPPED ACTION CHAIR — The patented "Barbados Swivel-Rocker" features comfortable strap decking of virgin vinyl that is ultraviolet-stabilized and mildew inhibited. The all welded tubular steel frame is protected with a durable zinc prime coat and oven-cured with a fused polyester paint. Designed for rugged activity, the chair weighs 15.88 kg and measures .2464 m3. Distributors are sought for this product, which costs $72 FOB East or West Coast. WRITE: J. B. Koons, Dir. of Import/Export Operations, Homecrest Industries, Inc., Dept. CN, International Market Square, 275 Market St., Ste. 184, Minneapolis, Minnesota 55405 U.S.A. Telex: 38-6680.

DECORATIVE LIGHTING — An attractive accessory for any setting, the elegant "Firelight Glass Candle" is hand formed from high-tech heat-resistant glass and fitted with a fiberglass wick. It burns a smokeless, odorless lamp oil and is available in a variety of shapes and sizes. Distributors are sought. WRITE: Ted W. Engelbercht, Export Consultant, Firelight Glass, Dept. CN, 1000 42nd St., Emeryville, California 94608 U.S.A. Telex: 910-481-3604.

SHAMPOO SANITIZES CARPETS -- "AIRX 80" is a highly concentrated, low-foam patented rug cleaner for use with all types of carpet steam cleaning or extraction equipment and with all bonnet spray cleaning systems. Recommended for color-fast carpets in nursing homes, hospitals, nurseries, and restaurants, this deodorizing cleaner removes oily deposits, eliminating the need for solvents. The price is $4/3.8 liters. WRITE: Richard H. Jarden, Pres., Bullen Chemical Co., Dept. CN, P.O. Box 37, Delmar Dr., Folcroft, Pennsylvania 19032 U.S.A.

ATTRACTIVE FABRIC COVERS VERTICAL BLINDS -- "Caprice" is a non-woven 100 percent Fortrel polyester fabric made for vertical louver blinds. Treated with Scotchgard fabric protector, it is available in 81 colors and 4 different widths. Designed to add a decorative touch to windows in homes and offices, this fabric can also be ordered in a fire-retardant version. Agents, distributors, and manufacturers are sought. WRITE: David Fryburg, Vice Pres., Superior Shade and Blind, Dept. CN, 1541 N. Powerline Rd., Pompano Beach, Florida 33069 U.S.A. Telex: 510-956-3144.

AIR BED PROVIDES SUPPORT -- The "Airmaster Air Bed" is said to give sleepers the same comfort as a waterbed, but without the water, energy costs, and wave action associated with waterbeds. Resembling a traditional innerspring mattress, the air bed is easy to set up and move, and can provide individual support for all parts of the body, the firm says. The bed costs from $30 to $60. WRITE: Dave Jewell, Vice Pres., Air Beds, Inc., Dept. CN, 2082 Zanker Rd., San Jose, California 95131 U.S.A. RCA: 27-884

Laboratory and scientific

LOW COST, WEAR-RESISTANT SAMPLE ROCK CRUSHER -- The "Model 150S Sample Crusher" is designed for laboratory crushing of rock, minerals, sinter and chemicals by geologists, chemists, metallurgists and ore dressers. Made to tolerate rough handling without harm, the crusher features T-1 steel wear surfaces without the cost of ceramic and tungsten carbide wear plates, the firm states. Features are described as including a 5-cm x 5-cm feed opening for a maximum recommended feed size of 3 cm, discharge adjustability averaging 3 to 4 mm, and a capacity for processing an average of 100 g/min, depending upon the feedstock. The machine is priced at $1,100. WRITE: Neil S. Mallory, Progressive Exploration, Dept. CN, 5020 Texas Ave., Reno, Nevada 89506 U.S.A.

NEW CALIBRATION STANDARD USED FOR TURBIDIMETERS AND NEPHELOMETERS -- Guaranteed to be accurate, reproducible, and stable, "AMCO AEPA-1" is an aqueous suspension of uniform (.5 Micron) polymer spheres that will not settle. Formulated to calibrate and standardize light scatter behavior in optical instruments, it comes ready to use in liter bottles or as sealed standards in values from 0.2 to 100 NTU and costs from $40 to $250. Distributors are sought. WRITE: James P. Amann, Telemktg. Mgr., Advanced Polymer Systems, Inc., Dept. CN, 3696C Haven Ave., Redwood City, California 94063-4604 U.S.A.

FREEZE DRIED SAMPLES -- The "Micro-Onestep" is a set of 6 different microorganisms that have been freeze dried for use in the science classroom. Designed for use in educational institutions serving students of all ages, the product is said to be unique for its use of lyophilized freeze-drying which insures safe storage for years. The microorganisms contain nutrient media and require only the addition of water to generate flourishing culture growth within 24 to 48 hours, according to the company. The cultures may then be used in the classroom as a study concept or in conjunction with several of the other 160 science kits offered by the company. The freeze dried samples are priced at $4.25 each. Agents are sought. WRITE: Howard F. Kimel, Pres., Kemtec Educational Corporation, Dept. CN, P.O. Box 57, Kensington, Maryland 20895 U.S.A.

DEVICE CONTROLS POWER SURGES -- The "Sine Control Suppression Device Model 120VPC-F2" is said to eliminate the adverse effects on sensitive equipment of transients, harmonic ringing, power surges, and white noise from the electrical power supply lines. The model is voltage activated only and eliminates the need and expense of isolated grounds, dedicated lines and isolation transformers, according to the company. Units are said to be available in all voltages, in either duplex or fourplex configuration, with models available for plug-in or wire-in. The manufacturer offers a money-back guarantee with a five-year warranty. Distributors and licensees for manufacturing are sought. The model is priced at $332 for end-users, $255 for distributors, and $182.33 for a single sample, all F.O.B. Los Angeles. WRITE: Jon Roach, Vice Pres., Emporium Trade Corporation, Dept. CN, 214 S. Garfield Ave., Ste. 5, Monterey Park, California 91754 U.S.A. Telex: 46-7932 ETC.

GRAIN AND SEED SAMPLER FOR LABORATORY TESTING -- The "Model 4204 Four-Way Laboratory Rotary Divider" is described as being able to reduce a sample to one-tenth in a single pass, whereas a conventional method would require at least 4 passes to reduce the sample as much. Recommended for use with small grains, seeds and all types of small, dry, aggregate flowable materials, the model weighs 38.25 kg and measures 83.8 cm x 55.9 cm x 57.2 cm with a container capacity of 1.9 liters. A precision machined rotor is said to split the grain sample. The customer designates the desired amount of sample for each spout before the rotor is manufactured. A three-way model and a heavier version for coarser materials are also available . The units are priced between $2,285 and $3,380. WRITE: Richard Selenski, Pres., Gamet Mfg. Co., Dept. CN, 6237 Penn Ave. S., Minneapolis, Minnesota 55423 U.S.A. TWX: 910-576-0246.

BIOLOGICAL OXIDIZER — For use by pharmaceutical manufacturers, biological reserachers, and environmental labs, or in analogous situations requiring safe, efficient radioisotope tracing of chemicals, the "OX-400 Biological Oxidizer" converts and traps carbon 14 and tritium from tagged biological samples. The 900o C oven allows the oxidation of whole blood, feces homogenate, tissue homogenate, cellulose powder, adipose, and soil. The "water clear" end product allows accurate scintillation counting utilizing 50 percent less radioactive tracers for a safer laboratory environment. The "OX-400" employs fail-safe features that monitor gas flow and oven temperature. The firm seeks distributors and agents worldwide for its $6,500 oxidizer, which is said to be used extensively by the International Atomic Energy Commission. WRITE: Lionel Rush, Medical Group, XPORT, Port Authority Trading Co., Dept. CN, One World Trade Center, 55 NE., New York, New York 10048 U.S.A. Telex: 42-7346 NYANDNJ.

DISPOSABLE GLASS CENTRIFUGE TUBE -- This firm's "Disposable Centrifuge Tube" for use in clinical and industrial laboratories, is said to be the first disposable borosilicate glass centrifuge tube that prevents cross-contamination for more reliable results. Borosilicate glass gives superior chemical durability over plastic, especially with organic solvents. The tubes can withstand at least 3,000 RCF centrifuge speed. They have standard G.P.I threads, and are available in 5, 10, and 15 ml sizes. The clean, ready-to-use tubes are packed 125/case and are priced economically at about one-tenth the price of reusable glass tubes. Caps are cemented in, and PTFE-faced rubber liners are offered separately. WRITE: Ray Crosier, Export Admin., Owens-Illinois, Inc., Dept. CN, Kimble Div. - 22-WHB, One SeaGate, Toledo, Ohio 43666. U.S.A. Telex: 499-2980.

LOW-PRESSURE HYDROGEN STORAGE -- For compact, low pressure and safe laboratory storage of hydrogen, the "Solid H Hydrogen Storage Device" contains metal hydride capable of storing hydrogen in its solid state, which should allow this method to replace conventional gas cylinders. Its simplicity and compactness allow its use where larger units are inconvenient, and its applications include gas chromatographs and lecture cylinder storage of hydrogen. Three basic models are offered with hydrogen storage capacities of about 40, 85, and 130 liters at S.T.P., and the price ranges from $500 to $1,000. Agents are sought for this product. WRITE: Lawrence S. Fox, Pres., Service Intl., Dept. CN, 2473 Garden Way, Colorado Springs, Colorado 80907 U.S.A. Telex: 45-0206.

ATOMIC ABSORPTION SPECTROPHOTOMETER -- The "BUCK Scientific Model 200" is 68.6 x 20.3 x 22.9 cm, weighs less than 13.5 kg, and has a total electrical power consumption of less than 50 W. The new system provides simplicity in operation as a basic AA spectrophotometer while including electronic advantages such as scale expansion, curve correction, integration, and digital readout. Its classical optical system provides 90 percent energy throughput, allowing the use of hollow cathode lamps to match detection limits on difficult elements such as arsenic and selenium. A unique burner-nebulizer system with segmented laminar flame provides extraordinary sensitivity and detectability, according to the firm, which seeks agents for this $7,000 system. WRITE: Robert F. Bauer, Mktg. Mgr., BUCK Scientific, Inc., Dept. CN, 58 Fort Point St., East Norwalk, Connecticut 06855 U.S.A. Telex: 64-3589.

OXYGEN-PERMEABLE LENS MATERIAL -- Easy-to-fit "Optacryl Contact Lens Blanks" offer high oxygen permeability, maximum comfort, and superior stability and durability. Available in three different permeabilities (DK: 1, 18, 32), in soft versions, with three different levels of water content, and in several colors, they sell for $3.50 each. Agents and distributors are sought. WRITE: William Hoffman, Vice Pres., Optacryl, Inc., Dept. CN, 2890 S. Tejon St., Englewood, Colorado 80110 U.S.A.

SAFE, CONVENIENT PIPETTE PUMP -- Pipette users in industrial and clinical laboratories can use the "Pipette Pump" for accurate, trouble-free results. It is said to be safe even with corrosive or toxic liquids and is described as easy to operate with one hand without fatigue. The device can be taken apart in seconds for cleaning and then simply reassembled. Pipettes fit smoothly into the flexible tapered chuck. Available for pipettes measuring up to 0.2 ml (cat. F37896); 2 ml (cat. no. F37897); 10 ml (cat. no. F37898); and 25 ml (cat. F37899), this product sells for $7.50. WRITE: Stanley Spass, Vice Pres., Bel-Art Products, Dept. CN, 6 Industrial Rd., Pequannock, New Jersey 07440 U.S.A. Telex: 13-8303.

AUTOMATIC QUALITY CONTROL -- The "Fisher Computer-Aided Titrimeter" is a state-of-the-art system for performing "wet chemistry" in quality control of a broad variety of products. The microprocessor-controlled device has easy-to-understand display messages that lead users through memory-stored methods or through the keyboard set-up of their own customized methods. Titration rate control is fully automatic, as is electrode standardization. This modular, flexible system handles single samples or bulk quantities up to 32 samples/load. The price is $14,000. WRITE: William Schlimmeyer, Analytical Instruments Mgr., Fisher Scientific International, Dept. CN, 50 Fadem Rd., Springfield, New Jersey 07081 U.S.A. Telex: 13-8287. Cable: FISHERSCI.

PORTABLE CONTAMINANT ANALYZER -- The "Contam-Alert" is a new handheld instrument that provides the user with an immediate and accurate contaminant concentration reading in milligrams of solids per liter of liquid. Designed for use with hydraulic fluids and lubrication oils, it can fit miniature diagnostic ports (also available from this firm), which can be located at both high and low pressure points in a system. Fluid sampling or laboratory analysis is unnecessary, and the product is not affected by the liquid it tests, according to the firm, which seeks distributors and agents. The price ranges from $200 to $400. WRITE: Jim C. Fitch, Pres., Diagnetics, Inc., Dept. CN, 5410 S. 94th E. Ave., Tulsa, Oklahoma 74145 U.S.A. Telex: 31-6669.

TRANSIENT WAVEFORM RECORDING SYSTEM — The "PC-DAS" is a general purpose high-speed transient waveform recording system that is IBM-PC based. The PCTR-160 A/D board provides sampling rates up to 20 MHz in transient mode and up to 160 MHz in time equivalent mode. Selected waveforms may be saved on disk and an optional FFT program is available. The PC-DAS sells for $7,500 with an IBM-PC or $4,500 for the board and software alone. Agents are sought. WRITE: Michael Zuralow, Sales Mgr., Adaptronics Products, General Research Corp., Dept. CN, 7655 Old Springhouse Rd., McLean, Virginia 22101 U.S.A. TWX: 710-833-0973.

PRECISION ANALOG INTERFACE — This firm's "DM-100" is a plug-in instrumentation board for the IBM-PC and Apple personal computer families featuring 12-, 16-, and 19-bit resolution modes with measurement ranges of +.3, +3, +30, and +300 V full scale. Quantities measured include DC, and trms AC volts, resistance, and frequency. All functions are completely programmable by the host computer. Distributors are sought for this product, which costs from $632.50 to $920. WRITE: Roger W. Lockhart, Vice Pres., Dataq Instruments, Inc., Dept. CN, 100 Lincoln St., Akron, Ohio 44308 U.S.A.

PIPETTING SYRINGE — The "Air Tite Pipetting Syringe Outfit" is designed for accurate, economical application of vaccines and liquids and repetitive pipetting in laboratory work or agricultural operations. Said to offer superior performance at a lower price than comparable products, it is available for immediate shipment, carries a five-year warranty on metal parts, and costs from $39 and $69. Exclusive agents are sought. WRITE: William Lipman, Pres., Air-Tite Products Co., Inc., Dept. CN, 1483 Washington Ave., Vineland, New Jersey 08360 U.S.A. Cable: AIRTITE.

COLOR, APPEARANCE MEASUREMENT FOR QUALITY CONTROL — The new "D25-PC2" colorimeter for quality control or research is operated through a lightweight keyboard display device, combined with one or more optical sensors, as shown here. The affordable, flexible, simple-to-operate system includes automatic standardization, a choice of color scales, and a built-in printer. Supported by a worldwide service network, this product costs from $5,800 to $10,000. WRITE: Mark Taylor, Mkt. Research Analyst, Hunter Associates Laboratory, Inc., Dept. CN, 11495 Sunset Hills Rd., Reston, Virginia 22090 U.S.A. Telex: 29-2821. Cable: HLAB UR.

RAPID HUMIDITY MEASUREMENT — Meteorologists, cloud physicists, and process control engineers will be interested in the "Lyman-alpha Hygrometer," which measures the humidity of air by measuring the absorption by water vapor of the Lyman-alpha wavelength of ultraviolet light as it passes through the air. Especially useful for measuring moisture fluctuations over a wide range of temperature and humidity, this device costs from $9,355 to $12,945. WRITE: Alvin L. Morris, Pres., Ambient Analysis, Inc., Dept. CN, 729 Walnut, Ste. C, Boulder, Colorado 80302 U.S.A.

HIGH-STRENGTH CRUCIBLE — This firm's "Crucible" combines high mechanical strength with maximum resistance to temperature, thermal shock, and chemical attack. This product is recommended with the firm's mortar for lab filtration, pharmaceutical uses, and chemical processing. The price ranges from $1.98 to $32, depending on size and specifications. Distributors and agents are sought. WRITE: Marc Bryant, Dir. of Intl. Mktg., Pathfinder International, Inc., Dept. CN, 200 Park Ave., Ste. 303 E, New York, New York 10166 U.S.A. Telex: 13-0412 WU TELTEX PAT. CABLE: PATHFIN.

DEVICE MEASURES GAS FLOW -- An electro- magnetic control valve enables the "CST Mass Flow Controller" to measure and control gas flows, with a control to +2 percent. One-second response time is characteristic of this product, which is available in ranges from 1-10 SCCM to 0-10 SLPM. Its power supply is available for single- or multichannel use. Agents are sought for this device, which costs from $795 to $1,795. WRITE: James B. Shields, Mgr., Instrument Sales, Teledyne Hastings-Raydist, Dept. CN, P.O. Box 1275, 804 Newcombe Ave., Hampton, Virginia 23661 U.S.A. TWX: 710-882-0085. Target: [1][4][5][8].

REFRIGERATED CABINET FOR LAB TESTING -- The compact "Cloud & Pour Table Top Refrigerated Test Cabinet" is used to assist refinery, petrochemical, and plastics labs in performing ASTM D97 and D2500 tests. Smaller in design, the maintenance-free unit offers convenience and affordability, according to the firm. Floor models and custom built cabinets are also available, with refrigeration temperatures ranging from 47o to -68o C. WRITE: P. I. Dadd, Pres., King Mfg. Co., Dept. CN, 217 129th Ave., P.O. Box 810, Holland, Michigan 49423 U.S.A. Target: [2] [8]

UNIQUE MEASUREMENT RECORDING DEVICE -- The user-friendly "Modular Function Chart Recorder" is said to be the first instrument of its kind to measure specific parameters of temperature, voltage, flow, pH, pressure, and other recording ranges without a separate transducer. A "breadboard" module also allows users to custom design circuitry to their own specifications, according to the firm. Agents and distributors are sought for this instrument, priced from $600 to $1,345. WRITE: John Steelsmith, Intl. Sales, Linear Instruments Corp., Dept. CN, 500 Edison Way, Reno, Nevada 89502 U.S.A. Telex: 17-0044. Target: [2] [4]

Land transportation

SCALE WEIGHS TRUCKS IN MOTION — This firm's "Weigh-in-Motion Scale" is designed to weigh heavy vehicles at highway speeds. It produces a weight, dimension, and speed record for each vehicle passing over the scale. Data are stored and tabulated automatically, and operation is continuous and unattended. Said to be rugged, maintenance-free, and capable of providing service under severe environmental conditions, the scale is also used in weigh stations to sort overweight vehicles for enforcement weighing. The firm is actively seeking overseas agents who deal with government transportation agencies. The price range is from $75,000. WRITE: Jeffrey B. Davies, Mktg. Mgr., CMI-Dearborn, Inc., Dept. CN, 820 Lafayette Rd., Bldg. 1, Ste. 203, Hampton, New Hampshire 03842 U.S.A. Telex: 22-9452.

ALL-TERRAIN VEHICLE -- The "Otter Utility I Tracked Off-Road Vehicle" hauls two people and gear across all types of rough country, including tundra, mud, sand, and snow. The tough, highly maneuverable off-road vehicle pivots on either track and can be useful to farmers, surveyors, hunters, construction and railroad workers, and utility, petroleum and logging companies. When the optional dual-purpose trailer is hitched to the machine, it carries up to 810 kg of payload. This product is priced from $7,600 to $7,800. WRITE: Robert Daniels, Sales Mgr., Otter Mfg., Inc., Dept. CN, 8035 Ranchers Rd., Minneapolis, Minnesota 55432 U.S.A.

HEATER KEEPS DIESEL FUEL FLOWING — Designed to keep diesel fuel flowing freely in sub-freezing temperatures, the "Hotline In-Line Fuel Heater" is an oversized fuel line which contains a 12- or 24-V heating tape inside the fuel line itself. Installed between the tank and fuel filter and connected to the vehicle's electric system, it keeps fuel from waxing or freezing in cold weather. Described as safe, reliable, and durable, the system is priced from $150 to $250. Agents are sought. WRITE: Wayne Widener, Gen. Mgr., Dyna-craft Co., Dept. CN, 777 106th Ave. NE., Bellevue, Washington 98004 U.S.A. Telex: 683-8005. Cable: 810-443-2465.

COMPLETE CHARGING SYSTEM — This firm's one-wire "Self-Regulating Alternator" is designed to replace mid-size generators and alternators used for automotive, marine, farm, diesel, and industrial applications. It is available in 6-, 8-, 12-, 24-, or 32-V positive or negative ground versions with a maximum output of 80 Amps and a variety of options. The price ranges from $90 to $150. Agents and distributors are sought. WRITE: Bill Levin, Pres., Vehicle Parts Mfg. & Dist., Inc., Dept. CN, 38 Beta Court B-7, San Ramon, California 94583 U.S.A. Telex: 28-4202.

Marine

SCRUBBER CLEANS VESSELS UNDERWATER — The "Sea Scrubber" is used to clean small to large vessels easily and safely underwater. This compact high out-put hydraulic power unit features efficient cleaning through rotary brushes which even a minimally trained operator can handle safely and easily, according to the firm. The unit may be fitted with either the multibrush "Brush Sub" or the single rotary "Hydro Brushes" with dual rotation and deadman switch. The firm says the scrubber will reduce drag and fuel consumption. Describing itself as a supplier to the U.S. Navy, the company prices the scrubber system between $3,000 and $100,000 and is seeking agents. WRITE: Samuel Lecocq, Managing Dir., Ocean Concept Corp., Dept. CN, 1368 W. Eleventh St., Long Beach, California U.S.A. 90813. Telex: 65-6437 SUBTIME LGB.

UNIQUE ANCHOR SECURES SMALL CRAFT — The "Crabclaw Marine Anchor" features a shifting ballast designed to maximize digging force and help the anchor withstand wind or wave surges. The durable precision-molded body will not cut, wear through, or rust, the firm states, and the handle is textured to provide non-slip grip even when wet. Distributors, agents, and dealers are sought for this compact anchor, which costs from $13 to $21. WRITE: Ronald J. Meiselman, Pres., Undersea Supply Corp., Dept. CN, 3569 N. Dixie Hwy., Fort Lauderdale, Florida 33334 U.S.A. Telex: 31-7655 H2O.

MARINE SEARCHLIGHT IS VERSATILE, DURABLE -- The "Xenon Searchlight" is a 1-kW device designed for rugged marine use on ice breakers, military vessels, workboats, and yachts, according to the company. Manual controls are said to permit adjustment of the beam to either broad or long, intense coverage. Other features include speed control and anti-icing heaters, the firm reports. The product is available with an optional electrical control for remote operation. Priced at $7,300, the light, also said to be suitable for security and displays, is available in different sizes and variations. WRITE: Kurtis Finch, Intl. Sales, The Carlisle & Finch Co., Dept. CN, 4562 W. Mitchell Ave., Cincinnati, Ohio 45232 U.S.A. Telex: 24-1489.

NEW FISH HOOK DESIGN FOR FLEETS — The closed-circle sign of the "Circle Sea Hook" for longline commercial fishing is producing a 50 percent increase in fish harvest, according to a study by the National Marine Fishermen's Service, cited by the manufacturer. The hook is for catching halibut, tuna, cod, rockfish and other bottom fish, according to the company which claims greater holding power, more hookups, fewer drop-offs and better bait holding for the product. The larger eye is said to accommodate a 72-thread gangion line and allows the user to make a regular gangion knot. The hook is plated in cadmium and tin for resistance to corrosion. The company seeks agents for the product. WRITE: Tim Larsen, Intl. Sales Mgr., Wright & McGill Co. (Eagle Claw), Dept. CN, 4245 E. 46th Ave., Denver, Colorado 80216 U.S.A. Telex: 45-0072.

PORTABLE WORKBOAT WITH REMOVABLE PILOTHOUSE — Fuel and crew costs can be cut by more than $50,000 with the portable and versatile "'Greyhound' Push-Tug Workboat," the company claims. The push-tug features a removable pilothouse and can be trucked over land, saving time and expense. It can be back in operation in two hours. Its energy-efficient design incorporates the latest technology in power-to-weight relationships. Diesel powered, it is said to be perfect for barge, dredge, bridge, or towing support. Agents are sought for this workboat which is priced at $139,000. WRITE: C. A. Christiansen, Diamond Mfg. Co., Dept. CN, P.O. Box 608, 645 W. Indian St., Savannah, Georgia 31402 U.S.A. Telex: 54-6409-DMC SAV.

HIGH-CAPACITY SALT WATER ICE MACHINE — This firm's new self-contained stainless steel "Salt Water Ice Maker" for fish processing features an incrementally started 20-hp motor and can produce 3,600 kg/24 h of salt water ice, the firm states. The compressor is automatically unloaded at start-up to save energy. Designed for low-maintenance use in remote locations, the unit costs $22,000. WRITE: M. G. Patrick, Vice Pres., Sales, Crosby Commercial Refrigeration, Inc., Dept. CN, 204 Second Ave. S., St. Petersburg, Florida 33701 U.S.A. Telex: 810-863-0403 Crosby STB.

RUGGED MARINE SEARCHLIGHT — The "2.5 KW Xenon Searchlight" can be used on board all types of vessels. Its lamp and large reflector contribute to beam candlepower greater than 130 million candela, and it features adjustable speed control and beam size, and heaters to prevent icing. Selling for $10,500, the searchlight is warranted for 1,000 hours. WRITE: Kurtis Finch, Intl. Sales, The Carlisle & Finch Co., Dept. CN, 4562 W. Mitchell Ave., Cincinnati, Ohio 45232 U.S.A. Telex: 24-1489.

COMPACT WATER HEATER FOR BOATS — Boat owners can have a continual supply of hot water on their craft by using the "Model 160 Instantaneous Gas Water Heater," according to the manufacturer. A pilot light or storage tank are unnecessary with this marine water heater, which utilizes electronic controls and instantly reacting safety systems to heat and control hot water. With dimensions of 31 x 21 x 9.5 cm, this compact product is claimed to fit all sizes of vessels, from sailboats to motorboats. Agents and distributors are sought for this $350 to $375 heater. WRITE: Gerry Wolter, Pres., Wolter Systems, Inc., Dept. CN, 2341 Maryland Ave., Cincinnati, Ohio 45204 U.S.A.

Metalworking

COMPUTER-AIDED METALWORKING — The "Ulticam 2000" is said to bring powerful, practical computer-aided design and manufacturing capabilities to the metalworking shop for the first time. Designed for the job shop, it can be used for mold, tool and die, and other complex piece part design and programming requirements. Priced at $35,600, the device features full 3-D graphics, sculptured surface, and up to 5-axis NC programming capabilities. According to the firm, it provides fast design-to-production time even for the most complex molds or tools. WRITE: Carroll D. Willey, Mgr., Advertising & Communications, Hurco Manufacturing Co., Inc., Dept. CN, 6602 Guion Rd., P.O. Box 68180, Indianapolis, Indiana 46268 U.S.A. Telex: 687-6003.

DURABLE METAL FINISH DRIES QUICKLY WITHOUT BAKING — "Quick Dry Hammertone" finish dries in 20 minutes and is resistant to chemicals, adhesives, and marring, according to the firm. It is said that its qualities of hardness and resistance are comparable to baking finishes. "Hammertone" finish is recommended for use on industrial machinery, laboratory and office equipment, vending machines, ovens and conveyors. It also gives a textured finish to machine tool components. The finish is priced at $18/3.8 liters. The company is seeking agents. WRITE: Ken Nielsen, Sales Mgr., Sampson Coatings, Inc., Dept. CN, 1900 Ellen Rd., P.O. Box 6625, Richmond, Virginia 23230 U.S.A.

COATING OIL PROTECTS ALL TYPES OF METAL — "Vulcan 898" coating oil is proven effective protection for freshly cold rolled or picked hot band steel stored in an atmosphere of high humidity, the manufacturer says. The oil's rust-preventing properties make it useful not only in the automobile industry, but also for the protection of other metals, such as aluminum, brass, galvanized steel, and copper. The coating oil is priced at $2.88 to $3.20/3.8 liters. The company is seeking agents. WRITE: D.A. Bogart, Export Mgr., Vulcan Oil Co., Dept. CN, P.O. Box 42381, Cincinnati, Ohio 45242 U.S.A. Telex: 21-2072. Cable: RALBO.

EASY-TO-READ DRILL GAGE — The "Mechanix-Mate Drill Point Gage" measures the correct lip length and lip angles, enabling the user to recondition dull or damaged twist drills. Charts show decimal equivalents in inches and millimeters, and instructions explain appropriate type points and angles for various materials. Available in models measuring 90o, 118o, 135o, and 150o with included angle drill points, the stainless steel gage has deep black etched characters for easy reading. Agents are sought for this device, which costs less than $10. WRITE: J. D. Robinson, Pres., J. D. Robinson Co., Dept. CN, 181 Wheeler Ave., Springfield, Massachusetts 01118 U.S.A.

COMPACT MACHINE REMOVES CORES FROM CASTINGS — The "Bullet" is designed to remove sand or shell cores from castings from a few grams to several hundred kilos. Simply powered by compressed air, it can be fastened in any position in the foundry. Priced from $800 to $1,000, the "Bullet" is said to be considerably less expensive than large, fixed core knockout machines. Agents and distributors of other foundry equipment are sought. WRITE: Robert Rudd, Pres., Herschal Products, Dept. CN, 10725 Briggs Rd., Cleveland, Ohio 44111 U.S.A. Telex: 671-1034 NRDC UW.

ECONOMICAL BLASTER FOR HEAVY-DUTY CLEANING -- This firm's "Structural Blaster" economically removes scale, rust, and paint by feeding material from front to back or side to side. It cleans beams, pipes, angle iron, bars, rods, and plate up to 91.4 cm wide. Measuring 117 x 178 x 218 cm, this compact device is designed to reduce labor and air pollution, with no caustics or sand to dispose of. Agents and distributors are sought. WRITE: Linda Weir-Enegren, Pres., LS Industries, Dept. CN, 710 E. 17th St., Wichita, Kansas 67214 U.S.A. Target: [3] [8]

HIGH-PRODUCTION ELBOW MACHINE — Operated by hand-lever or air, this firm's "Direct Drive Elbow Machine" features a 3/4 hp d.c. motor, separate safety shut-off button, heavy-duty castings, and sturdy weldment base. Designed to use Maplewood style tooling and jigs, this unit has an elbow range of 7.6 to 91 cm (3 to 36 in) with 24 ga mild steel capacity. The price is under $10,000. WRITE: Donald A. Friday, Sales Mgr., Geo. H. Spengler Co., Dept. CN, 7130 Clinton Rd., P.O. Box 2238, Loves Park, Illinois 61107 U.S.A.

BELT MACHINE CLEANS SMALL PARTS — The "7 Cubic Foot Airless Belt Machine" efficiently cleans, peens, deburrs, and can handle parts up to 33.75 kg, according to the manufacturer. The machine has vertical opening doors, which provide addditional work space, and a fully automatic recovery system. Agents are sought. WRITE: O.K. Backhaus, Dir. of Merchandising, Zero Manufacturing Co., Dept. CN, 811 Duncan Ave., Washington, Missouri 63090 U.S.A. Telex: 44-2476.

MOBILE ULTRASONIC DEGREASER — Makers of electrical or industrial equipment that cannot be cleaned with water can use the "Refrigerated Ultrasonic Degreaser" to eliminate dirt and grease. This compact refrigerated unit contains ultrasonic and boil chambers, a water separator, a solid-state ultrasonic power supply, and a direct-expansion refrigeration cooling system. This caster-mounted, mobile degreaser currently costs from $2,700 to $6,600. WRITE: Arthur H. Liers, Vice Pres., Sales, Sonicor Instrument Corp., Dept. CN, 1365 Marconi Blvd., Copiague, New York 11726 U.S.A. Telex: 64-9494 SONICORCOPA. CABLE: SONICOR COPIAGUENY.

MASKANT FOR TURBINE PARTS — This firm's "Coating Maskant" is used to mask or "stop off" coating of gas turbine blades, vanes, and other parts. It will not harm base material and has the approval of all major American gas turbine manufacturers, the firm states. Agents are sought for this $30/kg product, which is said to be easy to apply and remove, and which can reduce rework and rejects. WRITE: Steven T. McGowan, Sales Mgr., Alloy Surfaces Co., Inc., Dept. CN, 100 Locke Rd., Wilmington, Delaware 19809 U.S.A. Telex: 83-5363. Target: [1] [8]

Mining and heavy construction

CYLINDER FOR HYDRAULIC APPLICATIONS -- This firm's double-acting, telexcopic hydraulic cylinder utilizes compression ring piston seals for long life and heavy-duty use. Available with bore sizes up to 762 mm, cylinder rod lengths up to 7.62 m, and working pressures up to 345 bars, each cylinder can be modified or custom designed. Agents and distributors are sought. WRITE: Frank R. Edkins, Vice Pres., P.H.E. Hydraulics, Inc., Dept. CN, 3400 E. 69th St., Long Beach, California 90805 U.S.A. Telex: 80-3405.

PORTABLE UNIT FILTERS SAND FOR GOLD RECOVERY — The portable "Micro Sluice" is said to process up to approximately 18.9 liters/hr of dry or wet sand or other material coarser than .32 cm screening for the recovery of gold from placer mining. The company reports that a 31.5 liter/sec. pump drawing only 1.0 amps on a 12 VDC source allows extended usage without sacrificing portability. The integral .95-liter feed hopper is said to feature a unique wash-down system that automatically regulates the rate of material being classified. The tailings filter bag guarantees that no gold will be lost, according to the firm. The "Micro Sluice" with pump sells for $125. Adapters and options are available. WRITE: Charles Grady, Sales Mgr., Trans World Trading Co., Dept. CN, P.O. Box 14276, Portland, Oregon 97214 U.S.A. Telex: 36-0384. Cable: EXPORT.

LIGHTER WEIGHT MEANS GREATER LOAD FOR TRUCK BODY -- The "Phil Hivol" truck body is said to be custom designed for the mining industry to take into account truck make and model, material weight, load impact, loading height relative to equipment, and desired height and weight of the truck body itself. The company says it uses high-strength steel in manufacture to minimize body weight, thus maximizing body size to carry optimum loads. The body is said to be suitable for hauling coal, flyash, dust, and other products which may be kept from freezing through use of an exhaust heating system, and may be shipped in five major pieces for easy field assembly. Depending on design ordered, the truckbody prices range to $100,000. WRITE: Cathy Berchtold, Sales Mgr., Intl. Sales Div., Philippi-Hagenbuch, Inc., Dept. CN, 7424 W. Plank Rd., Peoria, Illinois U.S.A. 61604 U.S.A. Telex: 85-2227.

PATENTED CONVEYOR BELT FASTENERS — The easy-to-install "Flexco SR Belt Fastening System" provides conveyor belt splicing for extendable, reduced-ply belts. Special rivets with breakaway pilot nails are used to install the fasteners so that belt carcass fibers remain intact, reducing downtime and speeding installation. WRITE: Greg Sabella, Intl. Sales Mgr., Flexible Steel Lacing Co., Dept. CN, 2525 Wisconsin Ave., Downers Grove, Illinois 60515 U.S.A. Telex: 72-8383. Target: [2] [6] [8]

CONVENIENT VALVE REPLACEMENT KIT — The matched housings and spools in this firm's "Commercial Shearing A20 Series Valve Replacement Kit" are designed to eliminate the need for expensive measurement devices, re-boring and honing, chrome plating, and grinding. Agents are sought for this product, used in hydraulic repaid, contruction , and mining. WRITE: Virgil L. Mullins, Vice Pres. & Gen. Mgr., L & M Parts, Inc., Dept. CN, P.O. Box 1323, Princeton, West Virginia 24740 U.S.A. Telex: 90-7006.

LARGE-CAPACITY LOADER — The 765-kg capacity "843 Bobcat Skid Steer Loader" is powered by a 54-hp Perkins diesel-cooled engine, and is designed to operate in small and confined areas. The unit is skid steer with hydrostatic transmission and can be equipped with 152.4- or 167.6-cm buckets. Agents are sought for this $22,500 loader. WRITE: R. H. Roble, Vice Pres., Intl. Mktg., Melroe International, Dept. CN, 112 N. University Dr., Fargo, North Dakota 58102 U.S.A. Telex: 671-8041 CLFGOUW.

LINER RESISTS ABRASION AND CORROSION — "Tivar 88" can be used as a liner for dump truck bodies to alleviate abrasion, corrosion or sticking problems encountered in moving bulk solids. It is a specially formulated UHMW polymer material that claims higher abrasion resistance than steel. The product, which sells for $67/m2, can also be used in coal storage hoppers and chutes. It is available in 1.2- x 3-m sheets, which can be easily installed. Distributors are sought. WRITEL David E. Fulkerson, Mgr., Mktg. Services, Poly-Hi/Menasha Corp., Dept. CN, P.O. Box 9086, Ft. Wayne, Indiana 46899 U.S.A. Telex: 23-2637.

FREE-STANDING CONVEYOR — Available in lengths of 4.9 to 15.8 m, the "SD Series Conveyor" can move gravel, sheetrock, brick, plywood, and other construction materials, as well as remove materials in rennovation work. The 40.6-cm belt can move 90.7 t of gravel/h, and its slim design and portability allows it to be placed in holes or windows for excavating work. Agents are sought for this machine, which costs from $1,700 to $7,000. WRITE: Brad Killian, Mktg. Dir., Clearfield Conveyors, Inc., Dept. CN, 352 S. Main St., Clearfield, Utah 84015 U.S.A. Target: [2] [4] [6] [7] [8]

SLUSHER BUCKET HAULS LARGE LOAD — The "Card Boltless Slusher Bucket," priced from $3,015 to $9,005, has interchangeable parts and reversible wear-compensating blades to allow mining companies a large haul. The boltless assembly ensures easy maintenance and effective performance underground, according to the manufacturer. WRITE: Richard S. Burton, Sales Mgr., Card Equipment Co., Dept. CN, P.O. Box 19518, Denver, Colorado 80219 U.S.A.

FAN DRIVE OPERATES QUIETLY -- Designed to improve fuel economy and productivity, this firm's modulated variable-speed "Off Road Fan Drive" allows the fan blade to turn only at the speed required for cooling. It uses available engine hp efficiently, reducing noise and improving the reliability and life of belts, front engine components, and radiators, according to the firm, which prices the product from $800 to $3,000. WRITE: L. Robert Goldsworthy, Sales Mgr., Borg-Warner Corp., Rockford Div., Dept. CN, 1200 Windsor Rd., P.O. Box 7007, Rockford, Illinois 61125-7007 U.S.A. Telex: 25-7473. Target: [2] [3] [4] [6] [7]

COMPACT DUMP TRUCK — Featuring front-rear tire tracking, short length, and narrow width (2,134 mm), this firm's "Model 985-T15 Dump Truck" has a tight turning radius and high maneuverability in narrow openings. The $110,000 haulage truck also features a powerful drive train; simple hydraulics; enclosed, liquid-cooled brakes; quick, clean dumping box; and easy access to components. WRITE: David J. Cerar, Mgr., Mktg. Communications, EIMCO Mining Machinery International, Dept. CN, 537 W. 600 South, P.O. Box 1211, Salt Lake City, Utah 84110 U.S.A. Telex: 38-8446.

POWERFUL HEAVY-DUTY WHEEL LOADER — The diesel-powered "Waldon Heavy-Duty Wheel Loader" is available in sizes up to 100 hp. The durable unit features four-wheel propulsion, solid construction, and superior hydraulic force for efficient loading of rock, granular and other solid materials, according to the firm, which seeks distributors. The price ranges from $25,000 to $80,000. WRITE: Vice Pres., Equipment Div., Henry R. Jahn & Son, Inc., Dept. CN, 253 Broadway, New York, New York 10007 U.S.A. Telex: (RCA) 22-2070 EPI UR.

AUTOMATED DISPATCHING AIDS HAULAGE — "Dispatch" is a large-scale, computer-based system that controls the dispatching of all haul trucks in any open pit mine. Comprehensive reporting features provide detailed mine operating information and time accountability previously unavailable, according to the firm, The system includes a simulation subsystem which allows production forecasting. The price ranges from $1,000,000 to $3,000,000. WRITE: Michael Arnold, Pres., Modular Mining Systems, Inc., Dept. CN, 1210 E.

Pennsylvania St., Tucson, Arizona 85714 U.S.A. Telex: 70-6064.

SPRING BRAKE CHAMBERS RESIST CORROSION -- Described as the standard in the industry, this firm's "Spring Brake Chambers" for "S-Cam" brakes can be used in any heavy-duty vehicle with an air brake system. Made of high-quality, corrosion-resistant material for long, reliable wear, they cost from $40 to $45 and come with a two-year warranty. WWRITE: Carlos I. Gomez, Pres., Coexpo, Dept. CN, 8313 Buhman Ave., Pico Rivera, California 90660 U.S.A

HEAVY-DUTY TRUCK SUSPENSION -- Heavy truck fleets, construction companies, and concrete trucks are among the users of this firm's "Tandem Suspensions." These heavy-duty, low-maintenance suspensions are designed to provide equal weight distribution over rear axles. WRITE: Lee P. Lundal, Export Sales Mgr., Hendrickson Mfg. Co., Dept. CN, 15 W 660 W. 79th St., P.O. Box 249, Burr Ridge, Illinois 60521 U.S.A. Telex; 72-1547. Cable: HENDINTL.

STURDY TIRE FOR MINING, HEAVY EQUIPMENT -- The "McCreary Superlug Heavy Duty Tire" features full tread design for use on all types of mining equipment, as well as other equipment requiring traction characteristics. Available in different sizes, the tire is made from a cut-resistant compound, with extra undertread for recapability and dual bead construction and ply ratings. The price ranges from $40 to $286. Agents and distributors are sought. WRITE: Mark S. Grant, Mgr., Export Sales, McCreary Tire & Rubber Co., Dept. CN, 1600 Washington St., P.O. Box 749, Indiana, Pennsylvania 15701-0749 U.S.A. TWX: 510-468-5140.

RELIABLE CRAWLER-MOUNTED COAL CONVEYOR -- Designed for flexible underground haulage, the "Haul-Mark" operates directly behind most continuous miners and pivots 180o. The reliable system is only 66 cm high and features high haulage capacity, compatible tramming speed, surge control assistance, and simple operation. Agents and distributors are sought for this product, which costs $280,425 (three-entry system). WRITE: Barry L. Bruce, Exec. Vice Pres., Fairchild International Corp., Dept. CN, P.O. Box 1184, Beckley, West Virginia 25802 U.S.A. TWX: 710-938-8463. Target: [7] [8]

HIGH-CAPACITY COAL DOZER -- Designed to increase productivity by 200 percent over standard blades, the "Coal U-Blade" retains loads efficiently, reducing side spill with 25o or 30o wing angles and obtaining excellent rolling action from the curved moldboard. Job-matched to Caterpillar D5B through D10 track type tractors, the machine costs from $9,500 to $55,000 and carries a one year/1,000 h warranty. Caterpillar dealers are sought. WRITE: C. Coon, Export Coordinator, Balderson Inc., Dept. CN, P.O. Box 6, Wamego, Kansas 66547 U.S.A. TWX: 910-749-6524.

INNOVATIVE BUCKET FOR CATERPILLAR MACHINERY -- The "Multi-Purpose Bucket" performs jobs ranging from loading, stripping topsoil, and dozing to clamping objects or cleaning up spill. The operator can raise the hydraulic clamp out of the way for dozing, close it partly for gripping, or close it completely for use as a conventional bucket. Job-matched to Caterpillar machines, this bucket carries a one year/500 or 1,000 h warranty and costs from $6,000 to $14,000. Caterpillar dealers are sought. WRITE: C. Coon, Export Coordinator, Balderson Inc., Dept, CN, P.O. Box 6, Wamego, Kansas 66547 U.S.A. TWX: 910-749-6524.

LOW-ANGLE TRANSPORT -- The "Perfectow Paver Trailer" hauls equipment requiring low-angle loading or unloading. The 4-m hydraulic folding full-width ramps provide a loading angle of 10o and the upper full-width fifth-wheel deck loading angle is 30o, providing 14.6 m of equipment carrying capacity. Manufactured to specifications, the trailer costs from $20,000. Dealerships are available. WRITE: Howard L. Johnson, Pres., International Trailer Sales, Inc., Dept. CN, 17000 Kentucky Rd., Independence, Missouri 64050 U.S.A. TWX: 910-777-7061. Telex: 32-2640.

CONVEYOR CARRIES HIGH TONNAGE -- Used for high-volume bulk material handling, this firm's "High Angle Conveyor" carries 9,072 t/h at 75o inclines. Using standard conveyor componentry, it is designed to replace trucks, allowing for more cost-efficient mine and plant planning. Agents and distributors are sought. WRITE: F. J. Johnson, Dir., Intl., Continental Conveyor & Equipment Co., International Div., Dept. CN, P.O. Box 400, Fourth Ave. S., Winfield, Alabama 35594 U.S.A. Telex: 59-769. Cable: CONVECO WIFD.

RUGGED OFF-ROAD VEHICLE -- The "Terra-Gator 004-1664" is a two-wheel drive vehicle designed for high flotation off-highway operation. It features a 250-hp diesel engine, a choice of manual or automatic transmission, and a dual planetary rear axle. This sturdy vehicle is priced from $89,000. WRITE: Michael V. Knode, Product Mgr., Mining & OEM, Ag-Chem Equipment Co., Dept. CN, 4900 Viking Dr., Minneapolis, Minnesota 55435 U.S.A. Target: [1] [2] [3] [4] [5] [6] [7] [8]

MULTIPURPOSE UTILITY TRACTOR -- Designed for use in construction, mining, agriculture, and utility projects, the "Skid Steer Loader" has a 750 kg capacity. Attachments include angle broom, rock hound, pallet fork, earth auger, landscape rake, grapple, trencher, and back hoe, providing a diverse range of uses for $18,000. WRITE: John M. Davenport, Sales Mgr., Northwestern Motor Co., Div. of Page Avjet Corp., Dept. CN, 1125 Starr Ave., Eau Claire, Wisconsin 54703 U.S.A.

POWERFUL TRUCK REDUCES HAULAGE COSTS — All-wheel drive and eight high flotation tires give the "350B Payhauler" positive traction in all weather. Features include 50-50 weight distribution, an interaxle clutch that engages automatically in slippery conditions, a low center of gravity, and efficient power train permitting 45-t hauls at 68 kph. Agents and distributors are sought for this $442,000 vehicle. WRITE: Ken Bengtson, Vice Pres., Mktg., Payhauler Corp., Dept. CN, 1333 Kirk Rd., Batavia, Illinois 60510 U.S.A. TWX: 910-236- 0946.

DIESEL-ELECTRIC DRIVE END-DUMP TRUCK — The "MT1900 Lectra Haul" features an innovative straight-line configuration frame constructed from 32 mm, 550 MPa high-tensile steel with 19 mm and 16 mm side plates. The heavy-duty unit features the firm's column type rubber suspension on all axles, full-time hydrostatic power steering, and standard blown grid retarding system. WRITE: Bob Pierce, Dir. of Mktg., Unit Rig & Equipment Co., Dept. CN, P.O. Box 3107, Tulsa, Oklahoma 74101 U.S.A. TWX: 910-845-2192. Telex: 49-2409. Cable: UNITRIG TULSA.

OFF-HIGHWAY TIRE CHANGER — The self-contained, hydraulic "Uni-Pres Tire Changing Machine" demounts and mounts a large off-highway tire in 20 min, requiring only a compressed air supply, service hoist, and operator for the remote console. The price ranges from $29,000 to $35,000. WRITE: Floyd McCann, Gen. Mgr., Dynafloat, Dept. CN, P.O. Box 3107, Tulsa, Oklahoma 74101 U.S.A. TWX: 910-845-21. Telex: 79-6266.

LARGE-CAPACITY FRONT-END LOADER -- Standard features make the mechanical-drive "Dart 600C Loader" the most efficient and economical match for 77- to 109-t trucks, the firm states. An optional, patented ejector bucket system allows for loading 154-t and larger trucks. Buckets for ore, rock, and coal are available with standard or extended booms. WRITE: #Bob Pierce, Dir. of Mktg., Unit Rig & Equipment Co., Dept. CN, P.O. Box 3107, Tulsa, Oklahoma 74101 U.S.A. TWX: 910-845-2192. Telex: 49-2409. Cable: UNITRIG TULSA.

PATENTED TRANSMISSION FOR HEAVY-DUTY USE -- Described as the most important part of the vehicle's drive-train system, the "Spicer Transmission" is designed for rugged service in mining and construction equipment as well as heavy-duty off-road and over-the-road vehicles. Agents and distributors are sought. WRITE: Robert A. Stoddard, Sales Mgr., Automotive Industrial Supply Co., Dept. CN, 1202 S. Sylvania, P.O. Box 7422, Fort Worth, Texas 76111 U.S.A.

RUGGED COMMERCIAL FUEL WATER SEPARATOR -- Designed for heavy-duty diesel engines, the "Con Met" removes water from diesel fuel without requiring filter elements. Described as tough, simple, and effective, this device is available with an optional heater and sight bowl. Agents and distributors are sought. WRITE: Robert A. Stoddard, Sales Mgr., Automotive Industrial Supply Co., Dept. CN, 1202 S. Sylvania, P.O. Box 7422, Fort Worth, Texas 76111 U.S.A.

STURDY POWER TAKE-OFF -- Offering a wide variety of applications for most types of heavy-duty commercial vehicles, the "Chelsea Power Take-Off" is described as dependable, reliable, and easy to install. It is made of rugged cast material and available with pump flanges for hydraulic pump applications. Agents and distributors are sought. WRITE: Robert A. Stoddard, Sales Mgr., Automotive Industrial Supply Co., Dept., CN, 1202 S. Sylvania, P.O. Box 7422, Fort Worth, Texas 76111 U.S.A.

COMPACT END-DUMP TRUCK -- This firm's "Model D-10 End-Dump Truck" features 9.07-t capacity, four-wheel drive, articulated frame steering, and short wheelbase for unmatched maneuverability and performance in small headings. Equipped with a Deutz engine, the truck provides a cost-effective weight-to-hp ratio, the firm states. WRITE: W. E. McCracken, Vice Pres., Intl., Ingersoll-Rand Mining Machinery, Dept. CN, 4201 Lee Hwy., Bristol, Virginia 24201 U.S.A. Telex: 55-7059.

ELECTRIC CRANE FOR TRUCK LOADING -- An electric winch is a key component of the "Venturo," a mast style crane available in capacities from 450 to 900 kg with boom lengths from 91 to over 274 cm. Options include recessed and surface mounting sockets for multiple locations on the truck. Distributors are sought for this crane, priced from $600 to $1,000. WRITE: Ronald A. Collins, Sales Mgr., Santa Anita Mfg. Corp., Dept. CN, 4961 Santa Anita Ave., Temple City, California 91780 U.S.A. Telex: 67-4595.

VERSATILE DIGGER DERRICK -- The "Commander 4700" digs holes up to .91 m in diameter and sets telephone and electrical poles. It has a maximum sheave height to 14.32 m, side reach of 11.4 m, and lifting capabilities for poles, wire reels, and transformers exceeding 9,100 kg. Optional baskets and insulated top controls turn the unit into an aerial lift for working energized lines. Agents and distributors are sought for this $80,000 unit. WRITE: Dennis Diedrich, Export Mgr., Telelect, Inc., Dept. CN, 600 Oakwood Rd., Watertown, South Dakota 57201 U.S.A. Telex: 70-4799.

ELECTRICALLY INSULATED LIFT FOR WORKERS — Designed to elevate workers to job sites for high-voltage construction or maintenance work, the "Hi-Ranger" is tested for up to 765 kVAC. It allows for precision positioning for one or two workers with single handle control by the operator. The lift ranges in price from $25,000 to $300,000. WRITE: Larry C. Hoyord, Sales Admin. Mgr., Hi-Ranger, Inc., Dept. CN, N4 W22610 Bluemound Rd., P.O. Box 177, Waukesha, Wisconsin 53187-0177 U.S.A.

STABLE AERIAL WORK PLATFORM — Agents, distributors, licensees, and importers are sought for this firm's self-propelled "Elevating Work Platform," said to provide an extremely stable elevated work area. The device's unique reach and rotation provide access to areas unreachable with other aerial platforms, according to the firm, which prices the product from $14,000 to $100,000. WRITE: Dan M. Riffle, Dir., Mktg. & Sales, Lift-A-Loft Corp., Dept. CN, P.O. Box 2645, Muncie, Indiana 47302 U.S.A.

HIGH-STRENGTH WIRE HOIST ROPE — "Equalay," the firm's strongest hoist rope, is manufactured so that the outer strands fit precisely in the valleys of the independent wire rope core strands. This unique configuration is said to provide greater cross-sectional metallic area, result in higher strength, and prevent interstrand nicking. Agents are sought for this flexible, abrasion-resistant rope, which costs from $3 to $45/.3 m. WRITE: L. R. Rolfes, Vice Pres., Sales, Paulsen Wire Rope Corp., Dept. CN, 440 Josephine St., New Orleans, Louisiana 70130 U.S.A. Cable: AMWIROPE NLN.

DERRICK SETS POLES, DIGS HOLES — This firm's "D-900A Digger Derrick" has a rated capacity to 9,188 kg and is available with turntable or boom tip mounted winch, with rear, corner, or behind-the-cab mounting. Providing a 3-to-1 structural safety factor, this derrick features a full-capacity third-stage hydraulic fiberglass boom, 12.5 m of full-capacity pole-setting sheave height, advanced proportional hydraulic control system, fully metered upper control system, and a full range of self-protection systems. Distributors are sought. WRITE: Dennis Hidson, Intl. Mktg. Mgr., Altec Industries, Inc., Dept. CN, P.O. Box 10264, Birmingham, Alabama 35202 U.S.A. Telex: 78-2089.

VERSATILE UNDERBRIDGE INSPECTION PLATFORM — The truck-mounted "Paxton-Mitchell Underbridge Inspection Crane" lowers one or two people beneath a bridge from the top for maintenance or inspection. The device can also be used overhead for street light maintenance, with the boom converted into a lifting crane. The price ranges from $100,000 to $200,000. Agents and distributors are sought for sale to highway, public works, and bridge authorities. WRITE: Mgr., Construction Equipment Div., Ferrex International, Inc., Dept. CN, 253 Broadway, New York, New York 10007 U.S.A. RCA: 23-3616 FREX UR. Western Union: 64-5318 FREX NYK.

AERIAL PLATFORM HAS SCISSOR LIFT — The "Condor Scissor Lift" elevates personnel up to 13.1 m to perform servicing, installation, maintenance, and construction. Platform capacities allow a maximum of 907 kg. Described as safe and cost-effective, the versatile self-propelled unit can be driven without lowering the platform. Rough terrain features are available for this lift. WRITE: Ted Valentovich, Intl. Sales, Calavar Corp., 9200 Sorensen Ave., Santa Fe Springs, California 90670 U.S.A. Telex: 69-8378. Cable: CALACORP.

STABLE AERIAL WORK PLATFORM — The "Condor Self-Propelled Aerial Work Platform" lifts personnel up to 26.2 m and offers up to 21.3 m horizontal reach. The platform incorporates full operating controls and has a load capacity of 794 kg. This product is described as stable and maneuverable on all types of terrain. WRITE: Ted Valentovich, Intl. Sales Mgr., Calavar Corp., Dept. CN, 9200 Sorensen Ave., Santa Fe Springs, California 90670 U.S.A. Telex: 69-8378. Cable: CALACORP.

TRUCK-MOUNTED PERSONNEL PLATFORM — Available in insulated and noninsulated models, this firm's economical "Truck-Mounted Aerial Work Platform" is recommended for utilities, construction, and maintenance work. Features include a spacious platform, working height up to 64 m, horizontal reach up to 24.3 m, and platform load capacity to 907.2 kg. WRITE: Ted Valentovich, Intl. Sales, Calavar Corp., Dept. CN, 9200 Sorensen Ave., Santa Fe Springs, California 90670 U.S.A. Telex: 69-8378. Cable: CALACORP.

AERIAL LADDER FOR TRUCK MOUNTING — The "Keystone Ladder" is built with continuous 360o rotation and can be supplied completely mechanical, semi-powered, or fully powered. Available in pedestal and bridge truck mount versions, it costs between $9,500 and $18,500. Agents and distributors are sought. WRITE: D. L. Raubenstine, Sales, CAM International, Dept. CN, 215 Philadelphia St., P.O. Box 227, Hanover, Pennsylvania 17331 U.S.A. Telex: 84-0470. Cable: CAM.

SKID LOADER HAS MULTIPLE USES — The "Skid-Steer Loader" is a versatile machine that can work in- or outdoors. Features include lifting ranges as high as 900 kg, depending on the model size, self-leveling load action, and easy-to-learn T-Bar control system designed for efficiency, comfort, and safety. The price ranges from $15,000 to $20,000. Agents and distributors are sought. WRITE: Gene W. Ferguson, Export Mgr., Gehl Co., Dept. CN, 143 Water St., West Bend, Wisconsin 53095 U.S.A. Telex: 25-601 and 16-701 Gehlco.

EFFICIENT VERTICAL LIFT WORK PLATFORM — The unique articulated lift arm of the "Hyster V18A Aerial Work Platform" has only one hydraulic cylinder and fewer pivot or wear points. Loads up to 454 kg are lifted to working heights of 7.3 m with no restrictions on load distribution. Features include a 2.98 kW electric motor that powers the hydraulic motors; positive, variable-speed hydraulic drive on the rear wheels; automatic spring brakes. and a price of $16,000. WRITE: William Camey, Prod. Mgr., Hyster Co., Dept. CN, P.O. Box 289, Kewanee, Illinois 61443 U.S.A. Telex: 510-390-3404. Cable: HYSTER KEWANEE, ILL.

ROUGH TERRAIN LIFT TRUCK HAS HIGH REACH — The "Hyster Z90B" has a hydraulically-controlled telescoping boom that delivers a 2,722-kg load to a height of 11.28 m. Low-cost at $77,300, the diesel-powered truck features three-speed power shift transmission, four-wheel drive, four-wheel steering, and frame levelers. Many options are available. WRITE: William Camey, Prod. Mgr., Hyster Co., Dept. CN, P.O. Box 289, Kewanee, Illinois 61443 U.S.A. Telex: 510-390-3404. Cable: HYSTER KEWANEE, ILL.

SELF-PROPELLED AERIAL WORK PLATFORM — The "Snorkelift" is available in 9.14, 12.19, 12.8, 15.24, 18.29, and 24.4 m, ground to platform height. Priced from $35,000 to $103,000, it features a telescoping boom and platform capacities of 227 to 340 kg. Information on full service, stocking dealer programs is available from the firm, which seeks agents and distributors. WRITE: Don H. Roach, Vice Pres., Sales, Snorkel, A Figgie Intl. Co., Dept. CN, P.O. Box 65, Stockyards Station, St. Joseph, Missouri 64504 U.S.A. Telex: 43-7077. Cable: SNORKLELWO.

HEAVY-DUTY MOBILE HOIST — The "Shuttlelift Industrial Mobile Hoist" may be ordered in capacities from 13.6 to 181.4 t, clearance heights from 4.6 to 12.2 m, and clearance widths from 4.6 to 15.24 m. Single and double or four point hook designs are available for use in single or tandem operation. Features include stainless steel tubelines, enclosed weatherized cab, automatic steering realignment, and a price ranging from $90,000 to $800,000. WRITE: Kenneth S. Davis, Product Mgr., Shuttlelift Div., Marine Travelift, Inc., Dept. CN, 49 E. Yew St., P.O. Box 66, Sturgeon Bay, Wisconsin 54235 U.S.A. Telex: 26-0056.

ECONOMICAL HYDRAULIC CRANE -- Mounted on a truck or pedestal, the "Scott Hydraulic Crane" is available with lifting capacities from 4,500 to 10,800 kg with sheave heights to 30.5 m. The firm seeks inquiries from active distributors and potential end-users of this product, which costs from $30,000 to $50,000. WRITE: W. G. Brenner, Dir., Intl. Operations, Scott Huber Essick, Dept. CN, P.O. Box 10263, Charleston, South Carolina 29411 U.S.A. TWX: 810-881-1802.

CUSTOMIZED HOISTING UNIT — Built for rugged service, this firm's "Hoist" features oversized bearings, shafts, and frame. The customized hoist can include a special arrangement of drums, drive train, or power unit to meet installation space requirements. The price ranges from $50,000 to $100,000. WRITE: Joel Warthen, Engineer, Coeur d'Alene Hardware Co., Dept. CN, Canyon Ave., Wallace, Idaho 83873 U.S.A.

NEW ELEVATING WORK PLATFORM — The "Wildcat Series 4000" is a scissors platform that features a new X frame design, three drive speeds, and 25 percent gradeability. It has a capacity of 680 kg, working height of 9.45 m, 1.5 x 3 m platform, and options for battery, gas/LPG, or diesel power. The price ranges from $20,000 to $30,000. WRITE: David R. Campion, Pres., Economy Engineering Co., Dept. CN, P.O. Box 1507, 484 Thomas Dr., Bensenville, Illinois 60106 U.S.A. Telex: 27-0133.

RUGGED OVERCENTER AERIAL LIFT -- The "Altec AM600-H" has a working height of up to 17.6 m and reach of 13.2 m. This compact, maneuverable and rugged lift features side-by-side booms and multiple-function single-handle control with safety interlock. It has a material handling capability up to 907 kg and consists of a hydraulic winch, tilting job, and rotating platforms. Distributors are sought. WRITE: Dennis Eidson, Intl. Mktg. Mgr., Altec Industries, Inc., Dept. CN, P.O. Box 10264 Birmingham, Alabama 35202 U.S.A. Telex: 78-2089.

MEDIUM-HEIGHT AERIAL LIFT -- Designed for a 3-to-1 structural safety factor, the "Altec AO-300" features overcenter articulation, a working height of 12.5 m, and maximum reach of over 8.8 m. It has a platform capacity to 159 kg, lightweight fiberglass boom, fully metered controls at the upper and lower locations, and upper control override. This hydraulically-operated lift is available with a wide range of options and costs from $30,000 to $35,000. Distributors are sought. WRITE: Dennis Eidson, Intl. Mktg. Mgr., Altec Industries, Inc., Dept. CN, P.O. Box 10264, Birmingham, Alabama 35202 U.S.A. Telex: 78-2089.

AIRPORT, HIGHWAY GROOVING UNIT -- The "PGM 3600 Groover" has been designed specifically for airport and highway grooving. Using 35.56-cm diameter diamond blades, this machine can leave a grooving pattern 94 cm wide with each pass. Its self-contained "Dri-Trac" slurry pickup system leaves a clean, relatively dry pavement. Distributors are sought for this $120,000 product. WRITE: Larry E. Liddle, Intl. Sales Mgr., Target Products Division, Dept. CN, 4320 Clary Blvd., Kansas City, Missouri 64130 U.S.A. TWX: 910-771-3082. Telex: 494-4028. Target: [8]

ROAD-BUILDING ARTICULATED GRADER -- The "A-560E Grader" has a full power shift transmission including six forward speeds with integral torque converter, which is said to allow for excellent traction without the danger of stalling. This $125,000 grader is designed for road building, deep ditching, banksloping, and snow removal. Agents are sought for this machine, which can be equipped with either a General Motors or an International Harvestor engine. WRITE: E. R. McCord, Dir., Tech. & Sales Eng., Dresser Construction & Mining Equipment, Dept. CN, 755 S. Milwaukee Ave., Libertyville, Illinois 60048 U.S.A. Telex: 28-0064.

COLD PLANER RESURFACES ROADS — A good road profile and a level, skid-resistant surface are benefits provided by the "Dynaplane Cold Planer," according to the manufacturer. A bi-directional cutting drum allows both up and down cutting as well as cold recycling. Thes 450-hp turbocharged planer has the power for city street maintenance and highway rehabilitation and is available with cutting capacities of 16 to 31.75 cm. WRITE: Frank J. Merrill, Pres., Barber-Greene Overseas, Inc., Dept. CN, 400 N. Highland Ave., Aurora, Illinois 60507 U.S.A. TWX: 910-232-3145 BAR GR AUR. Telex: 72-0412 BARGREENE ARA.

CEMENT RESISTS CORROSION — Concrete and metal surfaces can be protected against acid corrosion with this firm's "Inorganic Polymer Cement," which can resist alkalies to pH 11. This dry powder requires only water for cleaning and activation. It is available in seven grades for mortars, gunites, grouts, and castables. In 24 hours this cement sets to 3,000 psi compressive strength, the firm states. WRITE: G. Kent Peterson, Sales Mgr., Swindress Bond, Inc., Dept. CN, 101 Fairview Ave., Pittsburgh, Pennsylvania 15238 U.S.A. Telex: 38-6541.

FORMS FOR LOW-COST CONCRETE HOUSING -- Designed for pouring concrete walls all at once, this firm's "Aluminum Forms" for low-cost housing offer gang forming capabilities, easy mobility, durability, and versatility. Hand-set on site, these lightweight forms can be prepared by unskilled labor and reused up to 3,000 times, according to the company. The price is $150/m2. Agents and distributors are sought. WRITE: Mike Carlson, Intl. Sales Mgr., Western Forms International, Dept. CN, 6200 Equitable Rd., Kansas City, Missouri 64120 U.S.A. Telex: 62-545-310.

CHEMICAL CONTROLS ROAD DUST, POTHOLES — Potholes and rutted roads may be things of the past if "Weslig 120," a non-toxic, inflammible chemical binding agent is used to treat dirt roads, the firm states. This product eliminates the need to water or grade roads and is easy to apply, according to its producers. Agents are sought for this chemical. WRITE: G. H. Smith, Export Sales Mgr., Wesco Technologies, Ltd., Dept. CN, P.O. Box 3880, San Clemente, California 92672 U.S.A. Telex: 371-8658.

VERSATILE HAMMER CRACKS CONCRETE -- The "Wolverine Whiphammer" is designed to crack up to 1,672.2 m2 of 22.9- and 25.4-cm highway concrete/h and remove 93 m2 of bridge deck/h. This mobile concrete breaker contains a flexible arm with adjustable, controllable impact. Agents are sought for this $125,000 machine. WRITE: R. D. Kimball, Vice Pres., Wolverine Technology, Inc., Dept. CN, 25900 W. 8 Mile Rd., Southfield, Michigan 48034 U.S.A. Target: [1] [2] [3] [4] [5] [6] [7] [8]

FIELD-PROVEN OPERATOR CAB — Customized to fit a wide range of agricultural, industrial, construction, and logging equipment, this firm's "Omni-Cab" is available with a variety of features and options. Said to save time and costs, this operator cab enclosure is priced from $1,000 to $2,500. Agents are sought. WRITE: Randy Reinke, Exec. Vice Pres., Custom Products of Litchfield, Inc., Dept. CN, P.O. Box 718, Litchfield, Minnesota 55355 U.S.A. Target: [1] [2] [3] [4] [5] [6] [7] [8]

COMPUTERIZED SYSTEM SPEEDS PRODUCTION OF ASPHALT Computerized controls of asphalt plant operations are available from the "WEM 300 Series Asphalt Controls," selling for $25,000. It can track data on asphalt production and generate computerized reports on shipments. Agents and distributors are sought for this system, which the firm claims will increase plant efficiency and ensure accurate control of materials. WRITE: L. Forbes Hotchkiss, Vice Pres., Sales & Mktg., Wisconsin Electrical Manufacturing Co., Inc., Dept. CN, 2501 S. Moorland Rd., Box 148, New Berlin, Wisconsin 53151 U.S.A. TWX: 910- 262-3112. Cable: WEM NBLN.

LOW-MAINTENANCE COMPACTION ROLLERS -- Forged steel tamping feet ensure long wear and low maintenance in "Hercules Tamping Rollers," according to the manufacturer. Used to prepare soil for construction, the rollers are designed to provide increased compaction in sticky soils with fewer passes. Their wedge-type feet are easy to clean, and their drums are pressure tested and solidly constructed of heavy steel plate with welded construction. The price range is $7,000 to $17,000. WRITE: Ed Goodwin, Pres., Wichita Steel Fabricators, Inc., Dept. CN, 3400 N. Broadway, P.O. Box 4009, Wichita, Kansas 67204. Target: [1] [2] [3] [4] [5] [6] [7] [8]

BOLTLESS PIPE COUPLING -- The pin-assembled, grooved "Vic- Boltless Pipe Coupling" allows for fast pipe assembly and disassembly. This coupling is said to provide the advantages of controlled flexibility, noise and vibration absorption in half the assembly time. This product is priced from $9 to $52 and available in 5.08 to 20.32 cm (2 to 8 in) sizes. WRITE: J. R. Diamant, Mktg. Dir., Pipeco International Co., Dept. CN, P.O. Box 31, Easton, Pennsylvania 18044-0031 U.S.A. WUI: 685-8011VICAM UW.

MACHINE-MOUNTED HYDRAULIC HAMMERS — Industries involved in rock and concrete-breaking and crushing can use the "Nutcracker," an impact hammer priced from $5,000 to $70,000. Six versions are available for use on skid-steer loaders, tractor-loader backhoes, excavators, or boom positioners. The hammer's blow rate and energy per blow can be varied according to need. WRITE: E. E. Bauer, Mgr., Mining Div., Consolidated Technologies Corp., Dept. CN, 5070 Oakland St., Denver, Colorado 80239 U.S.A. Telex: 45-0195.

RIDER TROWEL SAVES TIME — With overlap rotors for one-pass coverage, the "Ride-On Overlap Trowel" finishes new concrete surfaces three times faster, at a production rate of 93 m2/min, the firm states. Features include quick-change blades, electric deadman switch, handle-mounted controls, electric start, and fully enclosed gear box. The price ranges from $4,000 to $7,000. WRITE: Todd Wolf, Dir. of Mktg. & Sales, Master Consolidated Corp., Dept. CN, P.O. Box 457, Dayton, Ohio 45401 U.S.A.

PAVEMENT MILLING MACHINE HAS NEW DESIGN — Redesigned for high performance, operator convenience, and serviceability, the "Barcomill 100" has a 70-hp water-cooled diesel engine for rapid working and travel speeds. The unit's 370 mm wide drum can cut to a depth of 150 mm, hydraulically adjust the crossfall angle +15o, and cut a radius of 330 mm. Other features include large water capacity; various lighting packages, and multi-purpose auxiliary hydraulic options. The price is $65,000 FOB Minneapolis. WRITE: Robert Mallory, Mktg. Communications Mgr., RayGo, Inc., Dept. CN, 9401 85th Ave. N., Minneapolis, Minnesota 55445 U.S.A. Telex: 431-0014.

MACHINE PRODUCES CONCRETE BLOCKS — Using locally available materials, the "Besser Vibrapac V3-12" can produce more than 600 different types of concrete blocks and bricks in any color for all kinds of structures in seismic or non-seismic areas. This $190,000 system features undirectional vibration, rapid production, and less downtime for maintenance, according to the firm, which offers complete factories and training. WRITE: I. L. Christopherson, Asst. Mgr., Intl. Sales Dept., Besser Co., Dept. CN, P.O. Box 336, Alpena, Michigan 49707 U.S.A. TWX: 510-440-1320. Cable: BESCO.

ECONOMICAL CONCRETE FINISHER -- Concrete contractors and distributors of construction equipment will be interested in this firm's "Direct-Drive Trowel," which offers easy operation, fewer moving parts, and reduced vibration. The unit also features channel-mount blade design and quick-change clips, precise fingertip pitch adjustment, and slab "burning" capability. The price ranges from $1,000 to $1,500. WRITE: Todd Wolf, Dir. of Mktg. & Sales, Master Consolidated Corp., Dept. CN, P.O. Box 457, Dayton, Ohio 45401 U.S.A. Telex: 28-8215.

COMPLETE CONCRETE BATCH PLANT -- Producers of concrete pipe, precast concrete, concrete block, and ready-mix concrete will be interested in the "Helco Concrete Batch Plant, "Priced from $100,000 to $6,000,000, the custom designed, pre-assembled plant includes bins, conveyors, batchers, weigh scales, mixers, and water meters. Agents and distributors are sought. WRITE: Kenneth E. Boren, Vice Pres., Sales, Heltzel Co., Dept. CN, 1750 Thomas Rd., Warren, Ohio 44484 U.S.A.

VERSATILE ROAD PACKER -- Using hydraulic weight transfer, the "KAM-PAC Road Packer" provides grading and packing in one operation. Recommended for use on all dirt, caleche and gravel roads, it is also suited for construction, maintenance of parking lots, drainage ditches, waterways, and oil well locations. Compaction pressure ranges from 2,700 to 5,400 kg. Agents are sought for this $12,000 packer. WRITE: Von D. Kimball, Pres., Bigham Bros. Mfg., Inc., Dept. CN, Box 3338, Lubbock, Texas 79452 U.S.A.

COMPLETE PAVEMENT MAINTENANCE SYSTEM — The "Crafco- PMS" is a complete package for the construction and maintenance of concrete and asphalt roads, highways, and airport runways. It includes concrete joint and crack sealants, including products resistant to jet fuel, and equipment for surface preparation and sealant application. Distributors and dealers are wanted for this $25,000 system. WRITE: R. L. Abraham, Export Mgr., Crafco, Inc., Dept. CN, 2608 SE. Gladstone, Portland, Oregon 97202 U.S.A. Telex: 36-0384 Atn: Craf. Cable: EXPORT.

CONVENIENT ROAD AND STREET MAINTENANCE UNIT -- The "Patchman" provides in one machine all the necessary attachments for long lasting pothole repairs. The $9,000 unit includes a large-capacity heating drum, heated oil tank, jackhammer, and handheld torch for year-round repair of roads and streets. WRITE: James Page, Pres., Western Mfg. Co., Inc., Dept. CN, 405 Sinclair St., Bottineau, North Dakota 58318 U.S.A.

ECONOMICAL SOIL COMPACTOR -- The "Hyster C850A Vibratory Compactor," for compacting granular and semi-cohesive soils, delivers 18,160 kg of centrifugal force to the single 2,133 mm wide drum. Pneumatic isolators keep vibratory forces on the drum, away from the machine and operator, and efficient hydrostatic drive on each wheel conserves power. Changes in speed and direction are made without stopping, and the engine in the allows for easy maintenance as well as reduced noise and heat. The price is $80,700. WRITE: William Carney, Prod. Mgr., Hyster Co., Dept. CN, P.O. Box 289, Kewanee, Illinois 61443 U.S.A. Telex: 510-390-3404. Cable: HYSTER KEWANEE, IL.

MOBILE PLANT FOR CONCRETE BATCHING -- The "Haganator" is a mobile, one-piece concrete batching plant. All components are on one transportable truss assembly, including all wiring, piping, plumbing, cement storage, aggregate storage, weighing, and conveying devices. Production rates vary from 30 to 50 m3 The plant is priced from $75,000, and computerized automation is available. Agents and distributors are sought. WRITE: Vince Hagan, Pres., The Vince Hagan Co., Dept. CN, P.O. Box 225141, Dallas, Texas 75265-5141 U.S.A. Telex: 73-0231.

BROOM ATTACHES TO MOTORGRADER -- Mounted on motorgraders, this firm's "Rotary Broom" enables blading of spoils and sweeping of surfaced areas to be performed separately or at the same time, eliminating the constant need of a separate broom and attendant's help. It is 2.43 or 3.04 m long and 43.24 cm in diameter and costs from

$13,000 to $15,000. Agents and distributors are sought. WRITE: George E. Long, Pres., Smart Sweep, Inc., Dept. CN, 18550 142nd NE., P.O. Box 1025, Woodinville, Washington 98072 U.S.A. RCA: 29-8563 SSI UR.

PORTABLE GROUTING SYSTEM — The "CG-550P Mini Grout Pump and Mixer" features an air-powered piston pump which pumps high-viscosity slurries from 8 to 16 liters/min at pressures up to 15 bar. Designed for easy maintenance and transport, this $4,800 system has only 5 working parts and weighs 125 kg. The firm seeks agents and distributors familiar with grouting applications and geotechnical construction. WRITE: Ken Abud, Vice Pres., ChemGrout, Inc., Dept. CN, 805 E. 31st St., P.O. Box 1140, LaGrange Park, Illinois 60525 U.S.A. RCA: 29-7242.

PERMANENT COUPLING FOR GROOVED PIPING — This firm's "Pipe Coupling" is designed to provide a connection that lasts the life of the system. It consists of a pressure-responsive gasket and ductile iron housings secured by bolts and nuts. Available in sizes 20 to 600 mm, the coupling provides working pressures up to 2,500 psi. Agents and distributors are sought. WRITE: J. R. Diamant, Mktg. Dir., Pipeco International Co., A Div. of Victaulic Co. of America, Dept. CN, P.O. Box 31, Easton, Pennsylvania 18044-0031 U.S.A. Telex: 685-8011 VICAM UW.

ASPHALT PLANT IN THREE PORTABLE UNITS — The "Triple Threat" is a complete 113.4 to 136 t/h drum mix asphalt plant that moves on only three portable loads. This self-erecting, easy-to-run plant is available with a 3- or 4-compartment cold feed bin, a baghouse or venturi dust collector, a 27.2 2-t surge bin, a liquid asphalt heater and storage tank, and a fully operational control house. Agents and distributors are sought for this plant, which costs between $300,000 to $500,000. WRITE: Michael K. Uchytil, Vice Pres., Astec International, Inc., Dept. CN, P.O. Box 72787, 4101 Jerome Ave., Chattanooga, Tennessee 37407 U.S.A. Telex: 810-573-5260. Target: [1] [2] [3] [4] [5] [6] [7] [8].

RUGGED HYDROSTATIC TRENCHER — Hydrostatics propel the "Midmark," controlling the boom and angling the 173-cm backfill blade. Designed for easy maintenance and operation, the unit features a 36-hp Kubota water-cooled diesel enginee and offers trenching depth of 152.4 cm and trenching width of 30.5. Agents and distributors are sought for this $25,000 trencher. WRITE: Rudy Quinter, Construction Equipment Mgr., Midmark Corp., Dept. CN, 60 Vista Dr., Versailles, Ohio 45380 U.S.A. Telex: 28-8007. Target: [2] [3] [4] [5]

CONVEYOR SPEEDS PIPE LAYING —The "Felco Bedding Conveyor" is said to increase production 200 to 400 percent in tight alleys where full swing is restricted and 10 to 15 percent in open-spaced projects. This system is designed to reduce the danger of cave-in by keeping front-end loaders off the side of the trench. The price ranges from $16,000 to $31,000. WRITE: John E. Mernone, Dir. of Mktg. and Advertising, Felco Industries Ltd., Dept. CN, 3660 Grant Creek Rd., Missoula, Montana 59807 U.S.A. Target: [2]

MACHINE REBUILDS ASPHALT ROADWAYS — The "Reclaimer I" provides on-site rebuilding of deteriorated asphalt roads at a cost savings of up to 300 percent, the firm states. In a single operation, it mixes the existing asphalt with a predetermined amount of base material and prepares a solid foundation for new riding surfaces. This $171,000 unit is designed to eliminate hauling and off-site crushing costs. Agents and distributors are sought. WRITE: Kevin Fenelon, Mktg. Coordinator, Bros Inc., Dept. CN, 7216 Boone Ave. N., Brooklyn Park, Minnesota 55428 U.S.A. Telex: 431-0058 BROS Parts UI.

CONVENIENT LASER LEVELING UNIT — The "LaserLevel" provides a continuous, visible, 360o plane of light that creates a constant horizontal benchmark elevation or vertical plane over the entire work area. It also provides a simultaneous, horizontal or vertical reference beam 90o from the position of the rotating light plane. Allowing for single-operator layout, the upright unit is used for installing acoustical ceiling, raised access flooring, partitions, and drywall. Agents and distributors are sought. WRITE: Bob Anderson, Mktg. Mgr., Spectra-Physics, Dept. CN, 5475 Kellenburger Rd., Dayton, Ohio 45424 U.S.A. Telex: 28-8327.

VIBRATORY ROLLER FOR SOIL COMPACTION Hydrostatically propelled from both front and rear drums, the "Ferguson SP-75DT" can climb grades inclined 67 percent. It features a dozer blade for grading or backfilling and costs from $40,000 to $75,000. Agents and distributors are sought for this versatile compactor. WRITE: Mgr., Construction Equipment Div., Ferrex International, Inc., Dept. CN, 253 Broadway, New York, New York 10007 U.S.A. RCA: 23-3616 FREX UR. WU: 64-5318 FREX NYK.

POWERFUL MOTOR GRADER — Designed for efficient road building or maintenance, as well as snow plowing, the "Champion Motor Grader" ranges in size from 125 hp, 12,231 kg to 700 hp, 91,506 kg. Available in articulated or rigid frame versions, this grader features eight-speed, direct-drive power shift transmission with job-matched speeds and a fuel-efficient Cummins engine. The price ranges from $50,000 to $1,000,000. Agents and distributors are sought. WRITE: Renee Carey, Export Sales Admin., Champion Road Machinery, Dept. CN, 107 McQueen St., West Columbia, South Carolina U.S.A. 29169.

BLANKET PREVENTS SOIL EROSION -- The "AMXCO Curlex Blanket" remains in place on steep slopes, median strips, ditches, dam sites, and other hard-to-hold problem areas. It combines a mat of seasoned wood excelsior with a sturdy plastic mesh and is designed to promote fast turf development. The $32.80 blanket retains moisture, controls surface temperature fluctuations, conforms to the terrain, protects against sun burnout, and breaks up raindrops to stop erosion. Agents are sought. WRITE: J. M. Morris, Mgr., Intl. Sales, American Excelsior Co., Dept. CN, 850 Ave. H East, P.O. Box 5067, Arlington, Texas 76011 U.S.A. Telex: 73-2561 Teleserv Dal.

COMPUTERIZED CONCRETE BATCHING CONTROL -- The "Rexworks T-1800" features a full alphanumeric keyboard, self-diagnostic program, full onboard manual controls with color-coded graphic display, expandable data capabilities, and green screen CRT. Also available in an asphalt batching model, the $18,750 user-friendly system stores 40 formulas in memory, keeps an inventory of all materials used, and can include an optional "Inventory Sentry." WRITE: David N. Nooyen, Mgr., Intl. Admin., Rexworks, Inc., Dept. CN, 445 W. Oklahoma Ave., P.O. Box 2037, Milwaukee, Wisconsin 53201 U.S.A. Telex: 27-5371. Cable: REXCM. Target: [2] [3]

VIBRATORY ROLLER COMPACTS SOIL -- The "Rex SP-600" is sized to handle a variety of medium-sized soil applications. It features a patented vibration meter to determine the most effective frequency setting; pneumatic isolators; hydrostatic drive with infinitely variable speed in either direction, from 0 to 19 kph; single lever for forward, reverse, and speed change; and a frequency range of 18.3 to 33 Hz. The roller costs $56,275 and weighs 5,661 kg. WRITE: David N. Nooyen, Mgr., Intl. Admin., Rexworks, Inc., Dept. CN, 445 W. Oklahoma Ave., P.O. Box 2037, Milwaukee, Wisconsin 53201 U.S.A. Telex: 27-5371. Cable: REXCM. Target: [4] [5]

DOUBLE DRUM VIBRATORY ROLLER FOR ASPHALT -- The 3,447-kg "Rex SP-400" features 1,118-mm rolls, automatic vibration on-off, easy servicing, operator comfort, hydrostatic drive with infinitely variable speed from 0 to 10 kph, and 2,268 kg dynamic force @ 60 Hz. The price is $31,600. WRITE: David N. Nooyen, Mgr., Intl. Admin., Rexworks, Inc., Dept. CN, 445 W. Oklahoma Ave., P.O. Box 2037, Milwaukee, Wisconsin 53201 U.S.A. Telex: 27-5371. Cable: REXCM. Target: [3] [4] [5]

HEAVY-DUTY TRENCHER -- Powered by a GM6V-53 diesel engine, the "T-800B" has a digging capacity of 244 cm depth and 31 to 91 cm width. Designed to work in crowded areas, it features a massive, well-balanced, rugged frame and a large-diameter end idler to help eliminate snapping of the digging chain. The price ranges from $15,000 to $150,000. WRITE: Sam De Haan, Export Operations Mgr., Vermeer Manufacturing, Dept. CN, Box 200, New Sharon Rd., Pella, Iowa 50219 U.S.A. Telex: 47-8309. Target: [2] [3] [4] [5] [6] [7] [8]

MOBILE CONCRETE BATCHING UNIT -- Mounted on a fifth-wheel trailer, "Port-A-Pour" consists of two 3.6-m drum mixers, positioned with their discharge ends together, allowing for continuous pouring of concrete. The $210,000 system is 15.5 m long and can produce up to 46.6 m/h of specification concrete. WRITE: Leonard Overholt, Pres., Port-A-Pour, Inc., Dept. CN, 1726 Cole Blvd., Ste. 325, Golden, Colorado 80401 U.S.A. Telex: 29-6466.

LIGHTWEIGHT JET PUMP EDUCTOR -- The "Couple-Jet" is a water-operated eductor or venturi used to remove sand, shells, and other solids from cooling ponds, settling basins, or influents. Sediments may be elevated as high as 9.14 m above the water's surface, using the in-plant water system with pressures from 75 to 175 P.S.I. The price ranges from $250 to $1,200. Agents and distributors are sought. WRITE: Burl Cheely, Gen. Mgr., Gold Divers, Dept. CN, P.O. Box 652, Carson City, Nevada 89702 U.S.A.

SELF-PROPELLED PAVING MACHINE -- The new Puckett self- propelled "Model T650B Power Box Paver" features 2.7 m paving width and capacity for laying pavement mats of hundreds of tonnes each hour. Recommended for parking lots and secondary roads, the compact unit costs from $30,000 to $50,000, and pairs with other Puckett road-building implements. Distributors and agents are sought. WRITE: Mgr., Construction Equipment Div., Ferrex International, Inc., Dept. CN, 253 Broadway, New York, New York 10007 U.S.A. RCA: 23-3616 FREX UR. WU: 64-5318 FREX NYK.

POWER TROWELER PROVIDES UNIFORM CONCRETE FINISHING -- This firm's "Power Troweler" features a heavy-duty solid steel outer ring guard, allowing finishing within .6 cm of obstruction. It also has an adjustable handle, centrifugal shut-off switch, redesigned rugged spider, and low center of gravity. Agents and distributors are sought. WRITE: Jim Schrock, Export Mgr., Goldblatt Tool Co., Dept. CN, 511 Osage, Kansas City, Kansas 66110 U.S.A. TWX: 910-743-4117.

UNIQUE PAVEMENT PROFILER -- The "Dynapac PL2000" is designed to profile asphalt or concrete pavement efficiently, accurately, economically, and safely. Priced from $300,000 to $350,000, the unit features front-end discharge and is said to yield high productivity on a wide range of profiling and replacement jobs. WRITE: B. Banks, Sales Mgr., Dynapac Manufacturing, Inc., Dept. CN, P.O. Box 368, Stanhope, New Jersey 07874 U.S.A. Telex: 13-6481. Cable: DYNAPAC.

ECONOMICAL DRAGLINE -- This firm's "Walking Dragline" is said to provide economical overburden removal above sedimentary seams of coal, lignite, and phosphate. The design facilitates maintenance even in remote locations. Each custom-engineered unit requires an electrical supply. The price ranges from $6,000,000 to $25,000,000. Agents and distributors are sought, and turnkey installations are available worldwide. WRITE: John E. Schindler, Exec. Vice Pres., Page Engineering Co., Dept. CN, Clearing Post Office, Chicago, Illinois 60638 U.S.A. Telex: 72-8326. Cable: PECO.

ELECTRIC SUBSTATION FOR MINES — The "Portable Substation" from this firm can be designed to fit a variety of needs, from portable or pad-mounted units above ground to skid- or wheel-mounted low profile underground units. Circuitry is state-of-the-art and compact units are priced from $45,000. Agents and distributors are sought. WRITE: Larry O'Dell, Mgr., New Products—Mining, Ohio Brass Industrial Products Division, Dept. CN, 380 N. Main St., Mansfield, Ohio 44903 U.S.A. Telex: 98-7414. CABLE: ELECTRIC. Target: [4] [7]

PORTABLE HIGH VOLTAGE CONNECTOR — This firm's "High Voltage Connector," priced from $800 to $1,200, connects portable power cables to mining equipment, outdoor power substations, and line-to-line cable extensions. It features a rigid, non-breakable EPDM one-piece insulator. Agents are sought for this connector, which is rated 15 kV/500 A. WRITE: Larry O'Dell, Mgr., New Proudcts—Mining, Ohio Brass Industrial Products Division, Dept. CN, 380 N. Main St., Mansfield, Ohio 44903 U.S.A. Telex: 98-7414. CABLE: ELECTRIC. Target: [4] [7]

VERSATILE ELECTRIC MINING SHOVEL — Featuring dipper capacities ranging from 22.9 to 45.9 m2, the "P&H 2800XP Electric Mining Shovel" can be used efficiently with larger haul units for increased productivity. Features include optional dual motor propel drive, differential steering, and upgraded "Electrotorque" control. WRITE: Karl H. Rathmann, Vice Pres., Worldwide Mktg. Services, Harnischfeger Corp., Dept. CN, 13400 Bishops Lane, Brookfield, Wisconsin 53005 U.S.A. Telex: 22643 HARNCO BKFD. Cable: HARNINCO BKFD.

SAFE PNEUMATIC CHAIN SAW — The heavy- duty "6P Air Chain Saw" cannot spark and cause mine shaft explosion. Also usable underwater, it features a built-in trigger lock in handle grip, automatic chain oiler, and sprocket nose guide bar. The saw operates at an air requirement of 90 CFM at 90 PSI and costs from $500 to $1,200. WRITE: Todd Wolf, Dir. of Mktg. & Sales, Master Consolidated Corp., Dept. CN, P.O. Box 457, Dayton, Ohio 45401 U.S.A.

ECONOMICAL DRAGLINE BUCKET — This firm's "Dragline Bucket" is designed to provide mine operators with overburden removal at low cost per cubic meter. Custom designed in any size range and adaptable to any brand of dragline, the bucket is said to facilitate maintenance and repair in isolated locations. Agent and distributor inquiries are welcome. WRITE: Carl D. Swick, Sales Mgr., Dragline Buckets, Page Engineering Co., Dept. CN, Clearing Post Office, Chicago, Illinois 60638 U.S.A. Telex: 72-8326. Cable: PECO.

POWERFUL FAN FOR MINES, TUNNELS — This firm's high-efficiency "Vane Axial Fan" is available in versions ranging from 254 mm, .56 kW to 4,267 mm, 2,237 kW. Priced between $1,000 and $250,000, it can be ordered in single- or two-stage design. The firm seeks dealers, distributors, and possible licensing agreements. WRITE: Quentin Spendrup, Exec. Vice Pres., Sales, Spendrup & Assoc., Inc., Dept. CN, 746 Ouray Ave., Grand Junction, Colorado 81501 U.S.A.

SELF-CONTAINED RESISTOR WELDS AND BONDS — Suitable for rail bonding, repairs, or special welding, the "W200-250-6008 Bondwelder" delivers from 110 to 200 A in five proportional tapered plug and socket taps, permitting rapid change of welding current requirements. Mounted on skid runners, the 50-kg portable resistor arc welding unit is 68.5 cm long, 30.5 cm wide, and 29.2 cm high. The price ranges from $500 to $1,000. Agents and distributors are sought. WRITE: Mike Turner, Dir. of Mktg. Service, Guyan Machinery Co., Dept. CN, P.O. Box 150, Logan, West Virginia 25601 U.S.A. Telex: 75-6557.

SELF-CONTAINED, PORTABLE MINE FAN — This firm's rugged, lightweight "High Pressure Mine Fan" is available in diameters from 90 to 180 cm and can provide from 50,000 to more than 200,000 cfm at static pressure of 20 cm (w.g.). Priced from $10,000 to $38,000, the fan features adjustable aluminum blades, safety devices, alarm system and recorders, and a choice of motor voltage. WRITE: J. J. Mahoney, Pres., Empire Machinery Co., Dept. CN, P.O. Box 1048, Beckley, West Virginia 25802 U.S.A.

EFFICIENT WET, DRY SCREENING — This firm's "Horizontal Vibrating Screen" is designed for efficient wet or dry screening of all materials, including coal, sand, gravel, crushed stone, and metallic or non-metallic minerals. Sizes range from .9 x 1.8 m to 2.4 x 7.3 m in single, double, or triple decks. WRITE: Fred E. Turner, Vice Pres., Mktg., Tabor Machine Co., Dept. CN, P.O. Box 3037 Bluewell Station, Bluefield, West Virginia 24701 U.S.A. Telex: 710-938-8399.

DURABLE SIZING SCREEN — Used for wet or dry sizing of coal, phosphate, or iron ore, this firm's "Incline Vibrating Screen" is available in sizes ranging from .9 to 2.4 m wide and 1.8 to 7.3 m long. The durable screen can be furnished with one, two, or three decks for different types of screening surfaces. Many optional accessories are available. WRITE: Fred E. Turner, Vice Pres., Mktg., Tabor Machine Co., Dept. CN, P.O. Box 3037 Bluewell Station, Bluefield, West Virginia 24701 U.S.A. Telex: 710-938-8399.

LIGHTWEIGHT BLOWER TUBING — This firm's "Mine Vent Tubing" is available in "Ripstop" construction, said to offer enhanced tear and tensile strength at a light weight. Especially developed for efficient ventilation of underground mines, this product is described as easy to ship and install. Agents and distributors are sought. WRITE: George H. Justice, Vice Pres., Sales, Peabody ABC, Dept. CN, P.O. Box 77, Warsaw, Indiana 46580 U.S.A. Telex: 23-2655.

ECONOMICAL CENTRIFUGAL CRUSHER — Developed for small to medium-sized mining operations and for use as a test unit, the "Mucksucker" brand mill feeds crushed ore to virtually any type of gravity separation unit, cyanide leaching system, or ball mill/flotation unit. Used as a stand-alone unit, it feeds crushed rock to a stockpile. Agents are sought for this cost-effective, compact, adaptable unit, which costs from $200,000 to $350,000. WRITE: Frank L. Ludeman, Pres., Consulting & Engineering Resources, Dept. CN, 11 Robin Crest Lane, Littleton, Colorado 80123 U.S.A. Target: [3] [4] [8]

HIGH-STRENGTH REPLACEMENT BOLT — The "R-11 Plowbolt" is designed to prevent frequent replacement of scraper blades on mining equipment. Featuring a tensile strength minimum of 200,000 P.S.I., it is harder, wears less from abrasion, and has a useful life two to three times that of conventional plowbolts, according to the firm, which seeks agents. WRITE: Hal Rasmussen, Dir. of Mktg., R.G.I. Trading Co., Ltd., Dept. CN, 354 S. Spring St., Ste. 210, Los Angeles, California 90013 U.S.A. Telex: 19-4634. Cable: RGL LBR LSA.

QUALITY REPLACEMENT GEARS — This firm's "Replacement Gearing" for shovels, draglines, drills, and crushers is designed and manufactured for reliable service. Completely interchangeable with OEM parts, the gearing is priced from $50. WRITE: Lucien A. Bruggeman, Mg. Dir., Intl. Op., Xtek, Inc., Dept. CN, 211 Township Ave., Cincinnati, Ohio 45216 U.S.A. Telex: 21-4269. Cable: XTEK INC.

UNIT DRIES COAL THERMALLY — Designed for efficiency, flexibility, and reduced maintenance, the durable "Coal-Flo Thermal Dryer" features wider grate bars, deeper supports under the bars, heavier construction, and thicker insulation, the firm states. Custom tailored to provide a range of capacities, the dryer costs from $2,000,000 to $12,000,000. WRITE: D. C. Sisti, Pres., ENI, c/o Lively Manufacturing and Equipment Co., Dept. CN, P.O. Box 339, Glen White, West Virginia 25849 U.S.A. Telex: 256-2634.

MECHANIZED BOLTING SYSTEM — Offered in standard or low-profile configurations, this firm's "Hydraulic Bolting System" safely and efficiently makes or breaks nut or bolt connections in a range of mining applications. The system features push-pull, reversible ratchet drive for simple operation, less than one percent repeatability during make-up, and +3 percent bolt tensioning accuracy. The price ranges from $11,000 to $25,000. WRITE: Floyd McCann, Gen. Mgr., Dynafloat, Dept. CN, P.O. Box 3107, Tulsa, Oklahoma 74101 U.S.A. TWX: 910-845- 21. Telex: 79-6266.

DRILL CHUCK BUSHING PREVENTS WEAR — The "Kengard/B Drill Chuck Bushing" is tougher than products of cemented tungsten carbide, the manufacturer states. Designed for durability in metal-to-metal wear, the engineered carbide/metal composite is rugged enough to function as a single component or as part of a fabricated wear surface. Agents and distributors are sought for this bushing, which costs between $50 and $75. WRITE: Ron Baker, Intl. Mkt. Mgr., Wear Systems Div., Kennametal Inc., Dept. CN, P.O. Box 231, Latrobe, Pennsylvania 15650 U.S.A. TWX: 86-6674.

DURABLE CASTINGS PROTECT HEAVY EQUIPMENT — "Kennametal Castings" are designed to outlast hardfacing overlays, specialty alloyed steels, and other materials in applications requiring wear resistance. Priced from $15 to $40 each, they are used to protect auger flights, shear drum vanes, stage loaders, conveyor flights, cone crusher chutes, and grizzly screens. Agents and distributors are sought. WRITE: Ron Baker, Intl. Mkt. Mgr., Wear Systems Div., Kennametal Inc., Dept. CN, P.O. Box 231, Latrobe, Pennsylvania 15650 U.S.A. TWX: 86-6674.

DUAL VERTICAL COAL DRILL — The "Schroeder CDV-5000" allows rapid set-up and single pass drilling of shot holes up to 6 m deep and 127 mm in diameter. Two shot holes can be drilled simultaneously by one operator. When shot holes are 100 mm or less, the auger cleans cuttings without using air. Described as more economical than blast hole drills, this product can be furnished completely assembled or in kit form. WRITE: Paula Belanger, Sales Coordinator, Schroeder Brothers Corp., Dept. CN, Box 72, Nichol Ave., McKees Rocks, Pennsylvania 15136 U.S.A. Telex: 81-2544.

DRILL HAS VARIABLE SPEED — Two tools in one, the "715-VS Redi-Drill" features a rotary impact hammer for use in concrete, using carbide-tipped bits, and a drill bit for wood and steel, using the three-jaw chuck accessory. Fully insulated for maximum electrical safety, this rugged tool is recommended for all medium-duty structural rotary hammer drilling. Agents and distributors are sought for this product, as well as the firm's other drills. WRITE: Larry Podojil, Export Mgr., Red Head, Phillips Drill Div., Dept. CN, P.O. Box 364, Michigan City, Indiana 46360 U.S.A. Telex: 25-8488.

ROLLER STABILIZER PRESERVES BIT — The "Lupo Roller Stabilizer" features two-piece body construction of heat-treated alloy material; the lower half is cast, allowing for a larger central air passage directly to the bit. Priced from $2,500 to $6,500, this tool is available in hole sizes of 228.6, 250.8, 311.1, 339.7, and 381 mm. Agents and distributors are sought. WRITE: Gerald J. Lupo, Pres., G. J. Lupo Co., Inc., Dept. CN, 2482 S. 3270 W., Salt Lake City, Utah 84119 U.S.A. Telex: 38-8358.

FULLY HYDRAULIC CORE DRILL — The "Hycore II" can drill 1,219 m using NX/NQ wireline system. Features include 12,698-kg hoisting capacity and a high-speed rotary head designed to extend the life of diamond bits and improve core recovery in difficult drilling conditions. A swiveling console allows the driller to change locations while maintaining a clear view of the drill string. The 9.14-m mast angles 90 to 45o. The price is $160,000. WRITE: Steven Hulse, Export Mgr., Sprague & Henwood Inc., Dept. CN, 221 W. Olive St., Scranton, Pennsylvania 18501 U.S.A. Telex: 85-7030. Cable: SPRAGWOOD.

SMALL ROTARY BIT DRILLS THROUGH ROCK -- This firm's "Small Tungsten Carbide Rotary Drill Bit" allows for efficient rotary drilling, said to use less air pressure and eliminate the harmful vibration associated with percussion drilling. Available in smaller sizes with diameters ranging from 75 to 143 mm, the bit costs from $400 to $1,415. Agents and distributors are sought. WRITE: A. Bruno Spiritelli, Vice Pres., Intl. Sales, Reed Mining Tools, Inc., Dept. CN, P.O. Box 531226, Grand Prairie, Texas 75053 U.S.A. TWX: 910-866-4649. Telex: 16-3152.

INNOVATIVE DRILL PENETRATES HARD ROCK — The "Tround Hard Rock Drilling System" uses a new kind of machine gun to fire three ceramic projectiles in salvo. The resulting stress wave shatters the rock, permitting the drill bits to work more efficiently. This safe, patented process increases drilling rates up to three times and provides savings of up to half the cost of conventional methods, according to the firm. WRITE: Steven Dardick, Vice Pres., Tround International, Inc., Dept. CN, Alpha Industrial Park, R.D. #1, Box 13-T, Phillipsburg, New Jersey 08865 U.S.A.

DURABLE BLADE CUTS HARD, ABRASIVE MATERIALS — Road contractors, stone fabricators, and prestressed concrete manufacturers will be interested in the "Diamond Saw Blade." Features include ripple edge segments, carbide bonding, and patented "Duracore" blade. The firm actively seeks agents for this heavy-duty saw blade, designed to cut concrete, natural stone, and other hard or abrasive materials. WRITE: Michael Labowsky, Vice Pres., Consolidated Diamond Blade, Dept. CN, 443 Newark Pompton Turnpike, Wayne, New Jersey 07470 U.S.A. Telex: 13-0718.

VALVELESS HYDRAULIC DRILL — For hole diameters up to 102 mm and steel changes up to 6.1 m, the multistroke "Stallion Track Drill" offers high performance, low-cost operation, and simple valveless design with no accumulators. Agents and distributors are sought for this $200,000 product. WRITE: L. E. Harrigan, Product Mgr., Sullivan Machinery Co., Dept. CN, River Rd., Claremont, New Hampshire 03743 U.S.A. Telex: 94-3429.

DRILL INSTALLS ROOF BOLTS — The narrow, compact single-head "Model DR" roof control drill is designed for longwall recovery and utility bolting. Features include four-wheel drive, squirm steering, permissible electrics, and a versatile boom that swings and extends to allow multiple pin placement from one chassis position. The price is $85,000. The company engineers this product to custom order and primarily seeks end-users. WRITE: Bill Ellis, Asst. Sales Mgr., J. H. Fletcher & Co., Dept. CN, P.O. Box 2187, Huntington, West Virginia 25722 U.S.A. Telex: 88-6411.

ADVANCED LONG HOLE DRILLING SYSTEM — Used for exploration, degasification, and dewatering of coal seams, the "Model LHD" consists of a tender car and drill capable of drilling 1,000 m in advance of the face. The tender unit provides hydraulic power for drill function and a separation system for recycling water. The $250,000 system is custom engineered and available with an optional test probe. WRITE: Bill Ellis, Asst. Sales Mgr., J. H. Fletcher & Co., Dept. CN, P.O. Box 2187, Huntington, West Virginia 25722 U.S.A. Telex: 88-6411.

MOBILE BLAST HOLE DRILL — The "Econodrill" is a self-contained, self-propelled mounted blast hole drill, selling for $178,000. The drill can be operated by one worker, easily set up, and moved quickly between drilling locations. The carrier is diesel-powered and has four-wheel drive with a six-speed powershift transmission and enclosed cab. The drill can blast holes to a depth of 36.60 meters and drills horizontal, vertical, and angle holes. The firm seeks distributors. WRITE: N. N. Economou, Pres., Western Road Intl., Dept. CN, 2300 S. Main St., P.O. Box 2548, Salt Lake City, Utah 84110 U.S.A. Telex: 38-8346.

CONVENIENT HORIZONTAL BORING MACHINE -- The "Richmond Horizontal Borer" drills holes beneath paved areas to leave road surfaces undisturbed while pipelines or cables are laid underneath. The unit drills in all kinds of soil, including solid rock, excavating holes up to 1.5 m in diameter. Distributors are sought for this borer, which costs from $10,000 to $150,000. WRITE: Vice Pres., Equipment Div., Henry R. Jahn & Son, Inc., Dept. CN, 253 Broadway, New York, New York 10007 U.S.A. RCA: 22-2070 EPI UR.

HIGH-SPEED DRILL BIT — This firm's "Three-Cone Rotary Rock Bit" is engineered to provide rapid drill penetration, lowering total drilling costs per meter. Features include tungsten carbide inserts for efficient drilling. Available in a variety of sizes and types, this durable drill bit costs from $155 to $26,630. Agents are sought. WRITE: Dan Hicks, Dir. of Sales, Smith-Gruner Div. of Smith Intl., Dept. CN, P.O. Drawer 911, Ponca City, Oklahoma 74602 U.S.A. Telex: 74-7189. Cable: GRUNERBIT.

POLYCRYSTALLINE DIAMOND CUTTER HAS LONG LIFE — The "Drillit" consists of a layer of diamond particles sintered at high pressure and temperature to produce a solid diamond layer attached to a tungsten carbide substrate. Priced from $72 to $120, this hard, durable cutter is available in standard as well as special configurations. Distributors and agents are sought. WRITE: Douglas Kridler, Mgr., Diamond Drilling Products, GTE Valeron Corp., Valdiamant Intl. Div., Dept. CN, 3935 Research Park Dr., Ann Arbor, Michigan 48104 U.S.A. Telex: 23-4013. Target: [1] [2] [3] [4] [5] [6] [7] [8]

QUALITY CORE RECOVERY — Designed to deliver full recovery and superior sample quality, the "D-4 Conventional Core Barrel" features outer and inner tubes made from high grade seamless tubing, hard chrome-plated inner tube, optional split inner tube, and externally greased bearings for convenient maintenance. Used with most drill rods, this core barrel costs between $500 and $4,500. WRITE: Mark Church, Intl. Sales Rep., Norton Christensen, Inc., Dept. CN, P.O. Box 30777, 4446 W. 1730 S., Salt Lake 969y, Utah 84130 U.S.A. Telex: 38-8321.

CRAWLER-MOUNTED BLAST HOLE DRILL — The highly maneuverable "SK-60II" is designed to handle 80 percent of large hole drilling at about half the cost of larger machines. Rapidly propelling from hole to hole, the modular unit features a mast that can be quickly lowered and raised with drill pipe in place. It has a large operator's cab with heating, air conditioning, and sound proofing. Agents and distributors are sought for this machine, which costs from $180,000 to $750,000. WRITE: T. A. Carnell, Vice Pres., Reedrill, Inc., Dept. CN, P.O. Box 998, Sherman, Texas 75090 U.S.A. Telex: 73-0357. Target: [1] [2] [4] [5] [6] [8]

DRILL BIT PENETRATES FASTER — The "Chrisdril Bit" consists of a layer of synthetic polycrystalline diamond on a tungsten carbide substrate, providing long lasting sharpness for uniform penetration. Features include reduced hole deviation, absence of moving parts, and cutting elements positioned for maximum cutting action and efficient removal of cuttings. The price ranges from $500 to $5,000. WRITE: Mark Church, Intl. Sales Rep., Norton Christensen, Inc., Dept. CN, P.O. Box 30777, 4446 W. 1730 S., Salt Lake City, Utah 84130 U.S.A. Telex: 38-8321.

EFFICIENT WIRELINE CORE RECOVERY — Said to be reliable and simple, the "C International Wireline System" provides outstanding recovery even when coring soft, friable or hard broken formations, the firm states. Features include positive latching at any hole angle, stabilized reversible innertube with chromed inside diameter, reversible outer tube, and fewer moving parts. Compatible with Q Series rods, the system costs from $500 to $1,500. WRITE: Mark Church, Intl. Sales Rep., Norton Christensen, Inc., Dept. CN, P.O. Box 30777, 4446 W. 1730 S., Salt Lake City, Utah 84130 U.S.A. Telex: 38-8321.

ALL-TERRAIN BUGGY DRILL — The lightweight "BPX 200 Buggy-Mounted Drill" can maneuver through rough terrain and drill up to 100 m, the firm states. This 5,680-kg drill has a rotary screw air compressor and can be equipped with an optional mud pump. Agents are sought for the drill, which is priced at $130,000. WRITE: J. C. Picard, Mktg. Mgr., Georex Industries, Dept. CN, 6030 E. 50th Ave., Commerce City, Colorado 80022 U.S.A. Telex: 45-0332. Target: [4] [5]

SINGLE-CONE ROTARY DRILL BIT — Designed for water well and blast hole drilling, the "Lupo Uni-Cone Bit" features deep channels and carbide-studded ribs allowing for large-volume bailing, penetration, and long life. Used in very soft to medium-hard rock formations, it is available in sizes of 127, 171.4, 228.6, 250.8, and 269 mm. Agents are sought for this product, which costs from $1,000 to $3,000. WRITE: Gerald J. Lupo, Pres., G. J. Lupo Co., Inc., Dept. CN, 2482 S. 3270 West, Salt Lake City, Utah 84119 U.S.A. Telex: 38-8358.

NEW ON-LINE ELEMENTAL ANALYZER — This firm's all-weather "Bulk Material Analyzer" continuously analyzes solid material flows at up to 800 mtph on top sizes ranging from 0 to 10 cm. An optional remote touch-screen color graphics display provides lot averages, trends, limit alarms, and control signals. This $600,000 system is recommended for process control in industrial applications requiring real-time information. Agents and distributors are sought. WRITE: Richard L. Conwell, Dir. of Mktg., Gamma-Metrics, Dept. CN, 5550 Oberlin Dr., San Diego, California 92121 U.S.A.

READY-MIX CONCRETE BATCH CONTROLLER — The "Eagle" is an automated system designed to provide complete inventory control of all aggregates, cements, and admixtures in automatic or manual operation. This $25,000 system controls recycled slurry water inputs, ice, and hot and cold water, and can interface with an order-entry computer to generate automatic delivery tickets. Agents and distributors are sought. WRITE: Tony Tinker, Vice Pres., PSI Precision Systems, Inc., Dept. CN, 3301 Conflans, Ste. 301, Irving, Texas 7506 U.S.A.

DETECTOR SENSES METAL CONTAMINATION — The "Tramp Metal Detector," priced from $5,000 to $20,000, is said to provide protection against equipment damage and downtime by sensing damaging metal contamination in processed materials in industries using conveyors, chutes, or other bulk flow equipment. It uses an eddy current detection technique and generates signals to stop processing, sound alarms, or divert the flow when metal contamination is sensed. Its electronic systems can be programmed for various functions. WRITE: Floyd Twight, Pres., Tectron Engineering, Dept. CN, 4 P.O. Box 19629 Irvine, California 92713-9629 U.S.A. Telex: 69-2335.

MONITOR DETECTS OVERCURRENTS — Trolley wire, feeders, and substations can be protected from bolting and arcing faults and heavy overloads with the "Overcurrent Detector." Detector channels include instant short-time and long-time overcurrent and rate-of-rise. The firm prices the detector from $1,200 to $2,000 and seeks agents. WRITE: Larry O'Dell, Mgr., New Products—Mining, Ohio Brass Industrial Products Division, Dept. CN, 380 N. Main St., Mansfield, Ohio 44903 U.S.A. Telex: 98-7414. CABLE: ELECTRIC. Target: [4] [7]

SPEED MEASUREMENT IN RPMS — This firm's "Vibrating Reed Tachometer," selling for $100 to $500, measures speed in rpms without moving machine parts. Carefully calibrated steel reeds tuned to selected vibration frequencies make up this simple, durable, and economical tachometer, claimed to be accurate within .5 percent. WRITE: Paul H. Plotkin, Pres., Herman H. Sticht Co., Inc., Dept. CN, 27 Park Place, New York, New York 10007 U.S.A.

HYDRAULIC FLOW METER — Designed for both industrial and mobile applications, the "MCV103A Flow Control Servovalve" supplies an output flow in response to an electrical input signal. This $631 product consists of a closed-loop pressure control stage valve and a double-spool, pressure-activated boost stage valve. Requiring only standard 10-micron system filtration, the "Servovalve" offers flow ratings from 2.5/gpm to 20/gpm (at 1,000-psi valve drop). Agents are sought for this meter, which is said to provide high performance at a low price. WRITE: R. V. Burton, Bus. Development Mgr., Sundstrand Mobile Controls, Dept. CN, 3900 Annapolis Lane N., Minneapolis, Minnesota 55441 U.S.A. Telex: 910-576-2716.

SWITCH SENSES MATERIALS — The "Riede Tip Switch," said to be highly reliable and easy to install, is designed to detect bulk, solid materials in bins, silos, hoppers, and chutes on conveyors. Available in mild or stainless steel, aluminum or plastic housings, this switch has an integral time delay of 2 to 4 seconds and a SPDT switch contact rating of 5 A at 240 VAC, without the need for external or auxiliary relay. Stocking distributors are sought for this product, currently priced from $150 to $400. WRITE: G. C. Kachel, Pres., Riede Systems, Inc., Dept. CN, 8375 Sunset Rd., Minneapolis, Minnesota 55432 U.S.A. Cable RSICO.

COAL SLURRY DEWATERING CENTRIFUGE — Pipeline coal operators and large coal preparation plants can use the "High Capacity Screen Bowl Centrifuge" to dewater pipeline coal. It is designed to operate around the clock, year-round, with feed temperatures of up to 93.3oC, producing the driest product at a high capacity, according to the firm. It is described as being the only available centrifuge with tungsten carbide abrasion resistance. The price range of this product is $300,000 to $500,000. WRITE: Neil Policow, Prod. Mgr., Bird Machine Co., Inc., Dept. CN, Neponset St., S. Walpole, Massachusetts 02071 U.S.A. Telex: 92-4428.

VIBRATOR SCREEN PANEL RESISTS ABRASION - Customized to fit any make or model of vibrating machine used by sand and gravel producers and stone quarries, this firm's "Vibrator Screen Panel" is made of high-quality, abrasion-resistant wires. This durable product varies in price according to customer specifications. Agents are sought. WRITE: Henry Kurzikoff, Vice Pres., Buffalo Wire Works Co., Inc., Dept. CN, P.O. Box 129, Buffalo, New York 14240 U.S.A. Telex: 64-6529.

HIGH-VOLUME ROCK CRUSHING PLANT — The "2540 WRB Overhead Jaw Crusher" is a key feature of this company's "Portable 2540 Crushing Plant." An eccentric shaft delivers two crushing blows every time it turns, ensuring the output of more tonnes per hour at less cost per tonne, according to the manufacturer. This portable unit is priced at $250,000. WRITE: Ted Anderson, Sales Mgr., Universal Engineering Corp., Dept. CN, 800 First Ave. NW., Cedar Rapids, Iowa 52405 U.S.A. Telex: 46-4443.

PORTABLE ROCK CRUSHING PLANT — The patented air spring/phasing bar suspension characteristic of the "Portable 5136 HammerMaster" ensures low maintenance and fast product discharge, according to the manufacturer. Priced at $315,000, this rock-crushing, screening and loading plant features components mounted on a heavy-duty truck frame with a triple-axle rear running gear. WRITE: Ted Anderson, Sales Mgr., Universal Engineering Corp., Dept. CN, 800 First Ave. NW., Cedar Rapids, Iowa 52405 U.S.A. Telex: 46-4443.

PRECIOUS METAL MINING PLANT — The ability to recover up to 98 percent of precious metals from ore is one advantage of the "Pan-O-Matic Mining Plant," according to the manufacturer. A unique crushing and milling action combines both primary and secondary crushing in one action. Available in gasoline or diesel versions, the portable unit costs from $12,000 to $40,000. Distributors are sought. WRITE: Charles Grady, Sales Mgr., Picus Industries, Inc., Dept. CN, P.O. Box 14276, Portland, Oregon 97214 U.S.A. Telex: 36-0384. Cable: EXPORT.

DURABLE X-SHAPED CRUSHER — The patented "Columbia Drop Cross" is designed for efficient secondary breakage. Made of solid heat-treated manganese steel, it features a unique "X" section design for concentrated breaking force and is available in weights ranging from 908 to 6,356 kg. Agents and distributors are sought for this durable part, priced from $3,000 to $11,000. WRITE: Phil Rolfe, Mktg. Dir., Columbia Steel Casting Co., Inc., Dept. CN, 10425 N. Bloss Ave., Portland, Oregon 97203 U.S.A. Telex 15-1365. Target: [2] [3] [4] [5] [6] [7] [8]

BREAKING SYSTEM HAS BOOM AND POWER PACK -- Designed for mining and quarry operations with gyratory crusher or grizzly facilities, the "Contech TP-15 Pedestal System" has an articulated boom for positioning the firm's impact hammer for breaking rock. This rugged system features large box sections with extra heavy side plates, oversize cylinders, ground and hardened pins, and overload crossport reliefs. The price ranges from $30,000 to $200,000. WRITE: E. E. Bauer, Mgr., Mining Div., Consolidated Technologies Corp., Dept. CN, 5070 Oakland St., Denver, Colorado 80239 U.S.A. Telex: 45-0195.

STURDY PANEL FOR SEVERE SCREENING — This firm's "Rubber Screen Panel" is available in openings and thicknesses for scalping, sizing, and washing. The durable panel can be installed without screen modification, with either hook strips or bolt hold-down. It is available with 40 or 60 Durometer rubber and can be plate-backed or fabric-reinforced. The price ranges from $25 to $100/.09 m2 . WRITE: George Patten, Gen. Mgr., Sherman & Reilly, Dept. CN, P.O. Box 2317, 409 W. 34th St., Chattanooga, Tennessee 37409 U.S.A.

VARIABLE SPEED LIQUID DRIVE — The "Power Mate" is a hydro- kinetic power transmission device used to control the speed of process equipment such as centrifugal pumps and fans, bulk material conveyors, mixers, and crushers. Priced from $10,000 to $100,000, this device has a simple design and rugged construction for years of reliable operation. Agents and distributors are sought. WRITE: Michael Thomas, Sales Mgr., Liquid Drive Corp., Dept. CN, 418 Hadley St., Holly, Michigan 48442 U.S.A. Telex: 22-8534. Target: [4] [8]

CUSTOMIZED MILL GRINDS MINERALS — Companies engaged in mineral processing will be interested in the "Marcy Grinding Mill." Available in ball, rod, pebble, autogenous, and semi-autogenous versions, it is custom designed for any mineral grinding application and costs between $100,000 and $2,000,000. Agents are sought. WRITE: Samuel A. Grillo, Sales Mgr., Mine and Smelter Division, Dept. CN, P.O. Box 39K, Denver, Colorado 80239 U.S.A. Telex: 45-0271. Cable: MINTERPLY.

HIGH-CAPACITY MULTIFEED WET SIZING SCREEN — Developed for use in fine coal preparation, iron ore grinding circuits, and phosphate and other mining applications, the "Derrick K48-96MS-3 Multifeed Wet Sizing Screen" provides separations ranging from 2 mm to 43 micron. Priced from $30,000 to $50,000, this system features patented feed points, distribution flow, and screen surface design. The efficient, high-capacity units are replacing cyclones in grinding circuits, the firm states. WRITE: James Derrick, Vice Pres., Sales, Derrick Manufacturing Corp., Dept. CN, 590 Duke Rd., Buffalo, New York 14225 U.S.A. Telex 91-9110.

POWERFUL UNIT BREAKS OVERSIZE ROCK — Mounted at primary crushers or underground grizzlies, the "Allied Pedestal Breaker" quickly and safely reaches out to smash apart solid oversize rock, bridged rock, and frozen materials. Available with boom sizes ranging from 4.5 to 10 m, and hydraulic and pneumatic impact hammers, this system, described as extremely efficient with low-input hp requirements, may be assembled to suit custom orders. WRITE: Robert Benko, Intl. Sales Mgr., Allied Steel & Tractor Products, Inc., Dept. CN, 5800 Harper Rd., Solon, Ohio 44139 U.S.A. Telex: 98-0192. Cable: ALTRAC.

HEAVY-DUTY LAB CRUSHER — The "Morse Jaw Crusher" rapidly reduces hard rock, coal, or limestone feed to .16 cm minus. Available in four sizes, this high-capacity unit has corrugated chromoall jaw plates, overhead eccentric action, and adjustable jaw setting. Agents and distributors are sought for this crusher, which costs between $2,500 to $15,000. WRITE: Harold N. Grimes, Pres., Morse Bros. Machinery Co., Dept. CN, P.O. Box 14009, Denver, Colorddo 80209 U.S.A. Telex: 36-4412 INTR.

VERSATILE PRIMARY CRUSHER — Built for large-scale mining and processing of frozen tar sands, this firm's custom-engineered "Feeder- Breaker" reduces lumps of mined mineral to -46 cm. Positioned under a 272-t truck dump hopper, the 227-kg, 13.1- x 7.6-m unit is fed by 168-t off-highway trucks. Skidmounted, it can be moved to follow the mine face. The price begins at $1,000,000. WRITE: Richard M. Wille, Sales Mgr., The W.R. Stamler Corp., Dept. CN, P.O. Box 307, Millersburg, Kentucky 40348 U.S.A. Telex: 21-8481.

EFFICIENT PORTABLE PANNING MACHINE — This firm actively seeks distributors and end-users for its new, improved "Pan-O-Matic Panning Machine." Featuring a new grizzly, for screening materials, and single-tray sluice, the machine processes up to 3.6 m/h (5.4 t) of material efficiently. Powered by gasoline, diesel, or electricity, the machine costs between $1,275 and $3,900. WRITE: Charles Grady, Sales Mgr., Picus Industries, Inc., Dept. CN, P.O. Box 14276, Portland, Oregon 97214 U.S.A. Telex 36-0384. Cable: EXPORT.

CUSTOMIZED AGGREGATE PLANT — Aggregate producers, mining companies, and contractors will be interested in this firm's "Aggregate Plant," for small and medium-sized operations. Custom designed to individual specifications, it is available in capacities ranging from 50 to 500 t/h, producing concrete, asphalt products, or ore. Agents and distributors are sought for this plant, which costs from $50,000 to $1,000,000. WRITE: John F. Mulligan, Mgr., Distributed Products Sales, Spaulding Equipment Co., Dept. CN, P.O. Box 459, San Juan Capistrano, California 92693 U.S.A. Telex: 69-2406. Target: [4] [5] [8]

MINE SYSTEM MONITORS STRESS — The "Model 1000 Mine Monitoring System" senses high-frequency rock emissions and evaluates mechanical stress in the earth through extensive data acquisition capabilities. It is battery-operated and hand-portable, and allows for direct data printouts, programmable functions, and multi-channel monitoring. Ultrasonic, seismic, gas, and ventilation monitoring applications are said to be possible with this $60,000 system. WRITE: Carl Fisher, Jr., Pres., Integrated Sciences Inc., Dept. CN, 1823 Sunset Pl., #1, Longmont, Colorado 80501 U.S.A.

SAFETY INSTRUMENT ALERTS MINERS — Underground personnel can be alerted to potentially dangerous mechanical stress in the earth by the newly developed "Rock Stress Monitor." This portable, battery-operated system monitors and measures changing stress in rock structures and meets both U.S. and British coal mine permissibility requirements. It sells for $8,500. WRITE: Carl Fisher, Jr., Pres., Integrated Sciences Inc., Dept. CN, 1823 Sunset Pl., #1, Longmont, Colorado 80501 U.S.A.

SYSTEM MONITORS MINE SAFETY — The computer-based "DAN Data Acquisition Network" gathers, interprets, and displays information on a color CRT terminal. Remote sensors monitor respirable air quality, carbon monoxide, methane, air velocity, motor bearing temperature, conveyor belt and fan operation, and data acquisition from other equipment. WRITE: Patrick C. Smith, Mktg. Development Spec., MSA International, Dept. CN, 600 Penn Center Blvd., Pittsburgh, Pennsylvania 15235 U.S.A. Telex: 81-2453. Cable: MINSAF.

NONTOXIC SAFETY LIGHTING — Available in five colors, the "Cyalume Lightstick" provides bright light for 8 to 12 h and has a 4-year shelf life in sealed foil. This windproof, waterproof, unbreakable, noncorroding lightstick is easy to activate and releases a fluorescent light visible up to 1.6 km. The price ranges from $.69 to $4.30. Distributors are sought. WRITE: Anthony Ross, Dir., Intl. Sales, American Cyanamid Co., Dept. CN, Chemical Light Dept., 1 Cyanamid Plaza, Wayne, New Jersey 07470 U.S.A. TWX: 201-835-3521. Telex: 21-9136 ACYIN UR.

HIGH-CARBON SPRING STEEL CABLE HANGER — The new "CAB Bosserman Clip" is covered with a high dielectric grade Plastisol coating that provides spark-proof insulation for safe suspension of electrical, communication, or sensor wiring. The coating also provides total corrosion and rust protection in underground mine operations. A full range of sizes is available at prices ranging from $.50 to $1.10. WRITE: Allen Smith, Gen. Mgr., Cambria County Association for the Blind and Handicapped, Dept. CN, 211 Central Ave., Johnstown, Pennsylvania 15902 U.S.A.

SAFETY LINE FOR MINING EMERGENCIES — The "CAB Lifeline" is designed to facilitate escape from underground mines during disasters accompanied by poor visibility. It has solid safety orange Plastisol directional cones at 22.86-m intervals on 6.35-mm yellow polypropylene rope. Swivel snaps and thimbles quickly and securely attach the 91.44-m sections of this $38 product. WRITE: Allen Smith, Gen. Mgr., Cambria County Association for the Blind and Handicapped, Dept. CN, 211 Central Ave., Johnstown, Pennsylvania 15902 U.S.A.

MULTIPURPOSE DRY CHEMICAL FIRE EXTINGUISHER — Even inexperienced operators can effectively use this firm's "ABC Stored Pressure Fire Extinguisher" with ordinary combustibles, flammable liquids and gasses, and energized electrical equipment. The easy-to-use stainless steel unit features rugged metal valves and siphon tubes, replaceable molded valve stem seals, and pull pin-upright squeeze grip operation. Agents and distributors are sought. WRITE: Peter C. Reich, Vice Pres., Sales, Amerex Fire International, Inc., Dept. CN, P.O. Box 81, Trussville, Alabama 35173 U.S.A. Telex: 78-2547.

SAFE RADIO REMOTE CONTROL — Designed for applications in underground mining, this firm's lightweight, handheld "Radio Remote Control System" is approved for intrinsically safe operation by the Mine Safety and Health Agency (U.S.A.) and the National Coal Board (U.K.). Priced from $15,000 to $30,000, this system operates from NiCad or "miner's" battery and is available with proportional and on/off controls. WRITE: T. Joyal, Sales & Mktg. Mgr., Moog Inc., - Electronics & Systems Div., Dept. CN, Seneca & Jamison Rds., East Aurora, New York 14052 U.S.A. Telex 64-6170.

NEW SYSTEM INSTALLS ROOF BOLTS — The patented "Roof Bolting System" is designed to increase underground mine safety by reducing roof deformation and increasing ground stability. The $25,000 system can be retro-fitted to existing machines and features hydraulic and pneumatic controls without electronics. Features include suppression of tension decay; indication of rock and anchor strength; and semi- automatic wet or dry drilling. Distributors and licensees are sought. WRITE: C. J. H. Brest van Kempen, Pres., Brest van Kempen & Assoc., Inc., Dept. CN, 4920 Emigration Canyon, Salt Lake City, Utah 84108 U.S.A.

HIGH-STRENGTH ROCK STABILIZER — This firm's patented "Split Set Friction Rock Stabilizer" features a tapered upper end for ease of insertion in a drilled hole and a lower end with a welded ring flange to hold a roof plate. Its design causes holding power to improve with time and rock movement, and lateral shifts in the bedding plane lock the slotted tube more firmly in place, the firm states. WRITE: John K. Irwin, Gen. Mgr., Ingersoll-Rand, Dept. CN, Split Set Div., P.O. Box 301, Princeton, New Jersey 08542 U.S.A.

FOUR-WHEEL DRIVE LOADER — Unlike other articulated wheel loaders used for loading coal, sand and other materials, the "Dresser 560B Pay Loader" has its operator cab placed on the front of the machine for improved visibility. The powershaft transmission has three forward and three reverse speeds, and the machine is powered by a 309 kW engine. Its Z-bar loader linkage is said to ensure outstanding digging forces. The manufacturer seeks agents for this $325,000 loader. WRITE: E. R. McCord, Dir., Tech. & Sales Eng., Dresser Construction & Mining Equipment, Dept. CN, 755 S. Milwaukee Ave., Libertyville, Illinois 60048 U.S.A. Telex: 28-0064. Target: [4] [6] [7] [8]

HEAVY-DUTY TRENCH EXCAVATOR — Several width and depth capacities are available for this firm "Trench Excavator," which digs continuously while discharging excavated material. This easy-to- operate machine can dig in many types of soil, including very hard material. The low-maintenance excavator is priced from approximately $185,000 to $650,000. WRITE: Robert J. Arbs, Mktg. Mgr., Trencor Jetco, Dept. CN, 3545 E. Main St., Grand Prairie, Texas 75050 U.S.A. Telex: 79-1794.

TELESCOPIC, WRIST-ACTION EXCAVATOR — Designed for high speed in precise excavating or rock-placing maneuvers, the "Gradall G3WD" is used for highway or dam building and maintenance. A single engine powers both the truck and the excavator, allowing for economical operation, and the telscoping boom with " wrist action" is patented. The price ranges from $100,000 to $400,000. Distributors are sought. WRITE: Vice Pres., Equipment Div., Henry R. Jahn & Son, Inc., Dept. CN, 253 Broadway, New York, New York 10007 U.S.A. RCA: 22-2070 EPI UR.

HIGH-CAPACITY SELF-LOADING EXCAVATOR — Mounted on two powershift crawler tractors, the "Holland Loader" requires only one operator. The device uses a vertical plow blade with cutting teeth to feed a 1.8 m wide belt. Recommended for excavation of canals, dams, highways, pipelines, and mines, this $400,000 system has loading rates ranging from .8 to 2.3 m^3/sec. WRITE: Patrick D. Holland, Vice Pres., Holland Loader Co., Dept. CN, 2450 S. 32nd St. W., Billings, Montana 59102 U.S.A. Telex: 31-9496.

HIGH-PRODUCTION CONTINUOUS COAL MINING MACHINE — Used to mine a wide range of seam heights, the "LN-800 Continuous Miner" features human-engineered operator controls for safety and comfort coupled with computer-designed coal cutting and moving technology for maximum production. Priced from $500,000 to $700,000, the machine has infinitely variable tram speeds that provide a range from 0 to 21.3 m/min. WRITE: W. E. McCracken, Vice Pres., Intl., Ingersoll-Rand Mining Machinery, Dept. CN, 4201 Lee Hwy., Bristol, Virginia 24201 U.S.A. Telex: 55-7059.

CONICAL TOOLING SYSTEM CUTS MINERALS QUICKLY — The "K178S Conical Longwall Tooling System" is a block-sleeve-bit assembly that allows for retooling a continuous miner or longwall shearer drum by changing the sleeve and bit sizes. Designed for fast cutting, less drag, and increased production, the system costs between $50 and $60. Agents and distributors are sought. WRITE: Tony Emmenegger, Mg. Dir., Africa, Mid-East, Comecon, & PRC, Kennametal, Inc., Dept. CN, P.O. Box 231, Latrobe, Pennsylvania 15650 U.S.A. TWX: 86-6674.

COMPACT RESISTOR FOR NEUTRAL GROUNDING - This firm's "Neutral Grounding Resistor" is designed to limit the maximum fault current to a predetermined value, low enough to prevent equipment damage, yet high enough to operate fault-clearing relays. Mounted on high-voltage porcelain insulators, housed within corrosion-resistant, louvered enclosures, the resistor uses no asbestos or chemstone. Agent inquiries are invited for this product, which costs from $500 to $1,000. WRITE: Bill Wood, Pres., Post Glover Resistors, Inc., Dept. CN, P.O. Box 88, Erlanger, Kentucky 41018 U.S.A. Telex: 21-4152.

UNIT REPAIRS ARMATURES IN D.C. MOTORS — The "DJM Universal Multi-Purpose Machine" combines all operations for repairing or rewinding the armatures of d.c. motors used in generators, locomotives, and open pit mining trucks. Priced at $153,901.50 with accessories, one machine can be in continual production on turning, undercutting, and banding. Technical representatives and interested users are sought. WRITE: C. A. McGough, Jr., Pres., CAM International, Inc., Dept. CN, 215 Philadelphia St., P.O. Box 227, Hanover, Pennsylvania 17331n U.S.A. Telex: 84-0470. Cable: CAM.

HIGH-PRESSURE WATER BLAST CLEANER — The "Hydroblaster" is designed to reduce operator fatigue. It uses only 17 liters of water/min from 0 to 10,000 psi for cleaning, descaling, and line removal from heavy equipment. Operating with cold water, the flat spray peels dirt, paint, grease, or tar in one pass, and an optional nozzle allows abrasives to be used with high-pressure water to give a white metal surface. Agents are sought for this device, which is priced from $15,000 to $30,000. WRITE: Robert S. Rix, Pres., Hydroblaster, Inc., Dept. CN, 687 Watson Way, Sparks, Nevada 89431 U.S.A. Telex: 17-0037. Target: [2]

BELT SYSTEM WEIGHS MATERIALS CONTINUOUSLY — A digital belt speed sensor and state-of-the-art digital totalizer enable the "Belt Conveyor Scale" to weight bulk, solid materials continuously while they flow on a conveyor belt. This east-to-install system comes in a wide range of sizes and capacities. Accessories are available for the system, which costs from $6,000 to $15,000. Agents are sought. WRITE: G. C. Kachel, Pres., Riede Systems, Inc., Dept. CN, 8375 Sunset Rd., Minneapolis, Minnesota 55432 U.S.A. CABLE: RSICO.

PUMPS HANDLE HIGH ABRASION — The "End Suction Centrifugal Dredge/Slurry Pump" is designed to pump slurry efficiently, at a low cost per tonne, according to its manufacturer. It is available in electric furnace Ni-Hard, high-chrome alloy, or manganese steel for handling high-impact slurry conditions and abrasion. A suction adapter is furnished with the pump. WRITE: Roy B. Smalley, Jr., Asst. Sales Mgr., Thomas Foundries, Inc., Dept. CN, P.O. Box 96, 1007 N. 37th Place, Birmingham, Alabama 35201 U.S.A. Telex: 59-6173.

COMPACT, WEATHERPROOF LIGHT FIXTURE — Used on tractors, bulldozers, forklifts, loaders, truck cranes, and other heavy equipment, the "Sturdilite Model SRS 46 Floodlight" features a free-floating diaphragm lamp suspension system for long lamp life and fixture durability. The fixture accepts all Par 46 lamps with screw terminals or contact lugs, and is furnished with contact lug automotive style connectors. Agents and stocking distributors are sought for this $90 item. WRITE: Eli Gusavac, Export Sales Mgr., Phoenix Products Co., Dept. CN, 4715 N. 27th St., Milwaukee, Wisconsin 53209 U.S.A. Telex: 910-262-3389.

HEAVY-DUTY, HIGH-INTENSITY FLOODLIGHT — The "Sturdilite Model SRS-EB-400 Floodlight" is designed for rough and hazardous applications. Vibration-proof, shock-proof, and durable, it features a one-piece cast copper-free aluminum body with a baked enamel finish, steel mounting bracket, and impact-resistant glass. Agents or stocking distributors are sought for this $525 product. WRITE: Eli Gusavac, Export Sales Mgr., Phoenix Products Co., Dept. CN, 4715 N. 27th St., Milwaukee, Wisconsin 53209 U.S.A. Telex: 910-262-3389.

PAGING AND TELEPHONE SERVICE SYSTEM — The "Mine Dial/Page Phone" provides mining companies, oil companies, and construction firms with loudspeaker paging and telephone service within one system. It requires no PBX and is described as easy to install. Each telephone is enclosed in Lexan Resin Housings and has noise-cancelling microphones. Agents and distributors are sought for this $340 phone system. WRITE: T.R. Moyer, Intl. Sales Mgr., GAI-Tronics Corp., Dept. CN, P.O. Box 31, Reading, Pennsylvania 19603 U.S.A. Telex: 83-6458.

LOW-PRESSURE DROP BALL VALVE -- Designed for air and water service in mines, oilfields, and other industrial settings, the "Vic-Ball" is a low-pressure drop ball valve, rated at 600 psi, for use with grooved piping systems. It comes in sizes from 3.8 to 15.24 cm (1.5 to 6 in) and is priced from $84 to $1,560. The valve can handle fluid temperatures to 232.2o C and is said to feature superior flow characteristics. WRITE: J. R. Diamant, Mktg. Dir., Pipeco International Co., A Div. of Victaulic Co. of America, Dept. CN, P.O. Box 31, Easton, Pennsylvania 18044-0031 U.S.A. WUI: 685-8011VICAM UW.

LUBRICANT FOR MINING AND CONSTRUCTION — This firm's waterproof "Heavy Duty Lubricating Oil" is formulated to withstand high temperatures and shock loads and seal against dirt and rust. Available in petroleum and synthetic formulas, it is designed to extend the life of a variety of mining and construction equipment. Agents and distributors are sought. WRITE: Jack Smith, Sales Mgr., Southeast Oil & Grease Co., Inc., Dept. CN, P.O. Box 4340, Albany, Georgia 31706 U.S.A. Target: [2] [3] [4] [5] [6]

PRECISION MACHINE TOOL BEARINGS — This firm's "Machine Tool Spindle Bearings" are non-separable for ease of handling and assembly. The outer ring is relieved with a one-piece fully machined cage piloting on the outer ring bore. Internal geometry provides good performance over a wide range of operating speeds, according to the firm, which prices the bearings from $50 to $200. WRITE: Jon Knapp, Mktg. Mgr., Split Ball Bearing, Dept. CN, Hwy. 4, Lebanon, New Hampshire 03766. TWX: 710-366-1661.

POWERFUL PUMP MOVES CLOGGED WATER — The "Wacker PT Series Centrifugal Trash Pump" discharges water containing debris and solids from 30 to 50 mm in size. Designed for easy maintenance and rapid action, the pump is available in gasoline and diesel power in 50, 75, and 100 mm intake/discharge sizes, with a maximum discharge range of 60 to 150 m2/h. The price ranges from $350 to $4,200. WRITE: Robert W. Mull, Export Mgr., Wacker Corp., Dept. CN, 3808 W. Elm St., Milwaukee, Wisconsin 53209 U.S.A. FAX: 414-351-5001. Telex: 26705. Target: [1] [2] [3] [4] [5] [6] [7] [8]

OVERCENTER AXIAL PISTON PUMP — All system valving, a spring- centered hot oil shuttle, and an auxiliary SAE pump mounting pad are special features of this firm's "Pumpval," priced from $1,855 to $7,200. Its design is said to provide the ultimate unit for applications using high torque motors, cylinders, and non-relief valve-style motors. WRITE: James E. Ross, Vice Pres. of Mktg., Dynapower/Stratopower, Dept. CN, Starbuck Ave., Watertown, New York 13601 U.S.A. TWX: 510-257-4653. Telex: 93-7303.

LUBRICANT HAS DI-ESTER BASE — "Neo Oil" is said to have from four to eight times longer life than petroleum-based lubricants and can be used with two- and four-cycle gas and diesel engines, gear boxes, bearings, compressors, wire ropes, chain drives, and hydraulic systems. It inhibits rust and corrosion, and provides lubrication between -40o and 205o C. This product sells for $15/3.8 liters, and its manufacturers are seeking agents. WRITE: Paul Baker, Vice Pres. & Gen. Mgr., Neo Oil Co., Dept. CN, 2865 Gundry Ave., Long Beach, California 90806 U.S.A. Telex: 18-3579.

CONVEYOR BELT CLEANING — One person can use the "Trac-Mount Belt Cleaner" to maintain, replace, or adjust a conveyor belt without requiring tools or the shut-down of the belt. Priced at $1,000, the system works on any width belt and can be adapted to reversing belts and other special situations. It has convenient access doors on either side to allow quick and easy inspection. Agents and distributors are sought. WRITE: Tod Swinderman, Vice Pres. & Gen. Mgr., Martin Engineering Co., Dept. CN, U.S. Rte. 34, Neponset, Illinois 61345 U.S.A. Telex: 510-390-5694.

DIESEL ENGINE HAS METRIC DESIGN — Built for heavy-duty industrial applications, the "Wisconsin/Continental Engine" offers reliability, smooth, quiet performance, and durability. This totally metric industrial engine is available in two-, three-, and four-cylinder versions for diesel, gasoline, and LPG options. The price ranges from $1,500 to $2,000. WRITE: Jay Peck, Vice Pres. of Distribution, Teledyne Total Power, Dept. CN, 3409 Democrat Rd., Memphis, Tennessee 38118 U.S.A. Telex: 53-4669.

UNIQUE POSITIONER SECURES PIPES — Used to position two steel pipes or vessel sections for welding, the "Dearman Chain Clamp" is described as 10 to 50 times faster than older methods. A chain tightens around the pipe, securing clamps that feature adjusting bolts designed to round and match both joining sections. The perfectly spaced weld joint allows welding and grinding to be done without moving the clamps. Agents and distributors are sought for this product, which costs between $5,000 and $50,000. WRITE: Willis Fisher, Pres., Cranetex, Inc., Dept. CN, 5148 Lotus St., P.O. Box 35759, Houston, Texas 77235 U.S.A. Telex: 79-4276. Target: [4] [5]

DURABLE PADDING PROTECTS WORKERS' KNEES — Miners and construction workers are among the potential end-users of the "RockMaster Knee Pad." This tough rubber product features a soft sponge rubber insert, two wide elastic straps, and a heavy, no-slip buckle. Designed for comfort and durability, the padding sells for $15.50. Agents and distributors are sought. WRITE: Ralph Spencer, Vice Pres., Industrial Rubber Products Co., Dept. CN, P.O. Box 2814, South Mayo Trail, Pikeville, Kentucky 41501 U.S.A.

RUGGED SERVICE FLOODLIGHT — The "Model SRS 120-500A Sturdilight Floodlight" is mounted on booms of draglines, shovels, magnet cranes, and other heavy moving equipment. Also recommended for construction site lighting, the weatherproof unit features a free floating diaphragm lamp suspension system, multiplane resilient base mount, #18 gauge steel shell, anti-crush lamp protection spring, and swing-up lamp retainer face plate. Agents and stocking distributors are sought for this $158 product. WRITE: Eli Gusavac, Export Sales Mgr., Phoenix Products Co., Dept. CN, 4715 N. 27th St., Milwaukee, Wisconsin 53209 U.S.A. Telex: 910-262-3389.

RUGGED RUBBER COMPOUND REPAIRS EQUIPMENT — Strong, elastic, and highly abrasion- and impact-resistant, "RTR (Room Temperature Rubber)" combines the properties of rubber and urethane. Recommended for hard-to-reach maintenance repair on conveyor belts, pipes, elbows, and pump casings, "RTR" adheres to most metal and natural or synthetic rubber surfaces. Stocking distributors are sought for this product, which costs $50/.675 kg. WRITE: Daniel C. Chen, Export Sales Mgr., Rexnord Chemical Products, Inc., Dept. CN, 5103 W. Beloit Rd., P.O. Box 2022, Milwaukee, Wisconsin 53201 U.S.A. Telex: 26-727.

EASILY APPLIED WEARING COMPOUND — The "Nordbak Wearing Compound" is an epoxy resin system containing sapphire-hard ceramic beads designed to yield a durable surface with superior resistance to hard abrasion. The compound conforms to irregular surfaces after mixing, preserving the surface and permitting repairs. Mixing is simple and components are all premeasured. Agents and stocking distributors are sought for this product, which costs $180/5.67-liter kit. WRITE: Dan C. Chen, Export Sales Mgr., Rexnord Chemical Prdoucts, Inc., Dept. CN, 5103 W. Benoit Rd., P.O. Box 2022, Milwaukee, Wisconsin 53201 U.S.A. Telex: 26-727.

INDUSTRIAL DISC BRAKE PADS — Used for off-highway mining and construction machinery, this firm's asbestos-free "Disc Brake Pads" are said to equal or outperform asbestos pads. Priced from $40 to $200, these organic or non-cintered carbon metallic brake pads feature high performance, high heat stability, and compatibility with Wabco, Unit Rig, Euclid, Caterpillar, Payhauler, and Clark machinery. Agents and distributors are sought. WRITE: Alan P. Gauvreau, Product Mkt. Development Mgr., Bur-Bilt Products Corp., Dept. CN, 1217 2nd St. NE., Canton, Ohio 44704 U.S.A. Telex: 18-1162.

CONVENIENT MOBILE FLOODLIGHTING -- This firm's "Mobile Floodlighting System" is available with a range of features, including a telescoping, rotating tower; easily accessible wiring; replaceable components; automotive paint; and galvanized finishes. This $12,000 package is fast and easy to assemble, according to the firm, which seeks agents and distributors. WRITE: Larry J. Rode, Intl. Sales Mgr., Amida Industries, Inc., Dept. CN, P.O. Box 3147, Rock Hill, South Carolina 29731 U.S.A. TWX: 810-672-2559. Target: [4] [6] [8]

ROTARY ROCK CHIP DISPLAY -- Agents and distributors are sought for this firm's "Rotary Rock Chip Storage and Display Case." Measuring 30.8 cm long, 3 cm deep, and 5 cm wide, it contains 20 equal 2.5 cm wide compartments and is made of polypropylene, which resists acid, sunlight, and breakage. Sealed by five non-slip clasps and a durable living hinge, this container eliminates messy chipboards and vials. Each tray costs $2.37. WRITE: Eric Oberbeck, Pres., Contract Geological Services, Inc., Dept. CN, 755 Zang St., Golden, Colorado 80401 U.S.A. Target: [4] [5] [8]

SCREW MACHINE PARTS -- Designed for use in a variety of industries, including off-road equipment, trucking, machine tool, and agriculture, this firm's screw machine parts assortment provides components that offer high performance, durability, savings, and reliability. The price varies according to customer specifications. WRITE: Donald A. Friday, Geo. H. Spengler Co., Dept. CN, 7130 Clinton Rd., P.O. Box 2238, Loves Park, Illinois 61131 U.S.A.

FAST COUPLER FOR CATERPILLAR MACHINES -- The "Quick Coupler" provides hook-up to a wide range of attachments and changes tools in 30 seconds or less, the firm states. The independent hydraulic system and remote-control pump allow the operator to change attachments without leaving the cab. Priced from $2,100 to $7,700, the wedge or pin style coupler is available for all current Caterpillar track or wheel loaders and carries a one year/1,000 h warranty. Caterpillar dealers are sought. WRITE: C. Coon, Export Coordinator, Balderson Inc., Dept. CN, P.O. Box 6, Wamego, Kansas 66547 U.S.A. TWX: 910-749-6524.

CONVENIENT RELOCATABLE STRUCTURE -- Complete with electrical, plumbing, and all interior fixtures, the "Pre-Bilt" structure can be quickly assembled by local labor. This durable, relocatable structure, priced a from $2,200 FOB Minneapolis, features load-bearing exterior panels and roof panels that meet or surpass building codes throughout the U.S. WRITE: Karl Kimmel, Mktg. Mgr., Endure-A-Lifetime Products, Inc., Dept. CN, 7500 NW. 72nd Ave., Miami, Florida 33166 U.S.A. Telex: 51-4760.

PORTABLE SANITATION FOR CONSTRUCTION SITES -- Construction contractors can easily move the "Tufway Portable Chemical Toilet" as needed. Priced from $450 to $25,000, this product is described as a low-cost solution to on-site sanitation problems. The firm seeks companies interested in starting a rental/service operation. WRITE: L. David Russick, Dir., Intl. Mktg., Satellite Industries, Inc., Dept. CN, 2530 Xenium Lane N., Minneapolis, Minnesota 55410 U.S.A. Telex: 29-0957. Cable: SATELLITE. Target: [1] [2] [3] [4] [5] [6] [7] [8]

CERAMIC-FILLED, TROWELABLE ADHESIVE -- Used in mining, power stations, and pulp, paper, and chemical plants, "Armor Plate-Ceramic" is designed to resist abrasive and corrosive wear in pumps, equipment, and piping. Easy to mix and apply, this non-sag material provides excellent adhesion for $252/11.35 liters, the firm states. Agents and distributors are sought. WRITE: James M. Silha, Gen. Sales Mgr., Copps Industries, Inc., Dept. CN, N90 W14683 Commerce Dr., Menomonee Falls, Wisconsin 53051 U.S.A.

ANTI-FRICTION BEARINGS HAVE MANY USES -- Designed for use in any mechanical industry, this firm's "Special Anti-Friction Bearings" are recommended for preserving worn shafts and housings. Made to order, they are is available in special sizes and designs. Agents and distributors are sought, and design and application information and assistance are available from the firm. WRITE: Earl J. Mueller, Pres., Mueller Trading Co., Inc., Dept. CN, 925 Sidewinder Court, Greenwood, Indiana 46142 U.S.A. Telex: 27-2376. Cable: MULRTRDG.

PORTABLE OFF-HIGHWAY WEIGHT INDICATOR -- Consisting of two weight-bearing pads, a readout unit, and interconnecting cables, the "Dynascale Weight Indicator" can be installed on level ground with a minimum of site preparation. Constructed of steel or heat-treated aluminum, the durable unit has an error factor of +1 percent, according to the firm, which prices the scale between $11,000 and $43,000. WRITE: Floyd McCann, Gen. Mgr., Dynafloat, Dept. CN, P.O. Box 3107, Tulsa, Oklahoma 74101 U.S.A. TWX: 910-845-2192. Telex: 79-6266.

IN-TRANSIT WEIGHING SYSTEM -- This firm's "Series 400 Conveyor Scale" electronically weighs and controls the flow of bulk materials in motion. Described as highly accurate, low-maintenance, reliable, and cost-effective, the scale costs between $5,000 and $8,000. Agents and distributors are sought. WRITE: Jorge Echeverria, Mktg. Dir., Autoweigh Co., Dept. CN, P.O. Box 4017, Modesto, California 95352 U.S.A. TWX: 510-761-4416.

NEW LUBRICANT PROTECTS OPEN GEARS — "Molub-Alloy 936" is designed to protect open gears in mining and heavy-duty industrial applications. Available in arctic, light, and heavy grades, this non-residual, pumpable weather-resistant compound offers a semi-dry surface that discourages abrasive accumulations. WRITE: D. B. Pittman, Mgr., Engineering Services, Imperial Oil & Grease, Dept. CN, 21031 Ventura Blvd., Woodland Hills, California 91364-2297 U.S.A.

STRAINER TRAPS HARMFUL DEBRIS — The "Vic-Strainer" can protect machinery and pumps from debris found in water. Available in 5.08 to 30.48 cm sizes, this new tee-type strainer has an iron body, is coated with a rust-inhibiting enamel, and permits assembly of piping systems with only hand tools and minimal skills. Priced from $314 to $1,930, this product is said to offer excellent flow characteristics. WRITE: J. R. Diamant, Mktg. Dir., Pipeco International Co., Div. of Victaulic Co., Dept. CN, P.O. Box 31, Easton, Pennsylvania 18044-0031 U.S.A. WUI: 685-8011VICAM UW.

HEAVY-DUTY INDUSTRIAL CLEANER -- Used in industry, construction, and utilities departments, the "Sioux Pressure Cleaner" provides steam cleaning, high-pressure hot wash, and cold water rinse in a single piece of equipment. Available in a range of sizes in electric, gas- or oil-fired, or engine-driven versions, this machine costs between $1,000 and $5,000. Agents and distributors are sought. WRITE: Sandy Inberg, Sales Coordinator, Sioux Steam Cleaner Corp., Dept. CN, Sioux Plaza, Beresford, South Dakota 57004 U.S.A. Telex: 910-380-0956.

HEAVY-DUTY FORWARD CONTROL COACH — Mining and construction companies can transport workers in this firm's "All American" model bus. Sturdy components, an up-front Caterpillar diesel engine, and unitized steel construction ensure durability and efficient operation, the manufacturer states. The price ranges from $50,000 to $70,000. WRITE: Orlando Rodriguez, Export Mgr., Blue Bird Body Co., Dept. CN, Box 937, Fort Valley, Georgia 31030 U.S.A.

MATERIALS HANDLING SPEED MONITOR — This firm's "Critical Speed Monitor" combines simple installation with reliable operation for accurate measurement and control of materials handling systems. Its modular design permits one central control of many sensors in remote locations. Agents and distributors are sought for this versatile system, which costs between $300 and $600. WRITE: Charles L. Townsend, Vice Pres., Mktg., Mindel Corp., Dept. CN, 3245 Old Frankstown Rd., Pittsburg, Pennsylvania 15239 U.S.A.

PORTABLE IMPACT GRINDER -- The hand-carried "Hansen Pulverizer" is designed to process ore samples to 60, 80, 100 mesh, or finer in seconds. Mounted to a chainsaw or any belt-driven power source, it processes up to 180 kg/h of hard rock ore up to 5.7 cm in diameter. The price is $269.95 for the basic unit and $329.95 with classifier attachment. Agents, distributors, and licensees are sought. WRITE: James DeWalt, Vice Pres., International Food Storage Corp., Dept. CN, P.O. Box 1924, Spokane, Washington 99210 U.S.A. Telex: 15-2897 HQ SPR.

PRECISION DOWSING INSTRUMENT -- The easy- to-use "ES-300" allows the operator to become an experienced dowser with a few hours of practice. Range of operation is 91.4 m or more on a coin-sized target, and 1.6 km or more on a target larger than .03 m3. Depth of detection ranges to more than 3 m, depending on target size. The price is between $375 and $575. Dealer and distributor inquiries are invited. WRITE: Charles Grady, Intl. Sales Mgr., D & G Precision Instrument Co., Dept. CN, P.O. Box 2023, Beaverton, Oregon 97005 U.S.A. Telex: 36-0384. Cable: EXPORT.

POWER SWEEPER FOR RUGGED AREAS — This firm's heavy-duty "275 Diesel Power Sweeper" is designed for multiple-shift operation in severe environments. Features include a 32-hp, 3-cylinder, liquid- cooled diesel engine, wrap-around bumpers, high-velocity loading of light litter, and the firm's warranty. WRITE: William Strang, Dir., Intl. Mktg., Tennant Co., Dept. CN, 701 N. Lilac Dr., P.O. Box 1452, Minneapolis, Minnesota 55440 U.S.A. Telex: 29-0451. Cable: TENCO. Target: [4] [6]

HEAVY-DUTY MACHINE SCRUBS FLOORS — Said to offer labor- saving features not available on other walk-behind scrubbers, the "432ES Power Scrubber" quietly cleans up to 2,740.5 m3/h. Features include power steering, extended scrubbing capacity, and pre-sweep option. The price is $8,557. WRITE: William Strang, Dir., Intl. Mktg., Tennant Co., Dept. CN, 701 N. Lilac Dr., P.O. Box 1452, Minneapolis, Minnesota 55440 U.S.A. Telex: 29-0451. Cable: TENCO. Target: [4] [6]

MANEUVERABLE POWER SWEEPER — Designed to cut cleanup costs, the "140E Power Sweeper" picks up a variety of debris, including fine dust, dirt, paper, litter, metal chips, cans, and broken glass, and controls dust with a powerful vacuum system. The easy-to-operate $2,710 unit provides fast cleanup indoors and outdoors on surfaces ranging from concrete to medium nap carpet. WRITE: William Strang, Dir., Intl. Mktg., Tennant Co., Dept. CN, 701 N. Lilac Dr., P.O. Box 1452, Minneapolis, Minnesota 55440 U.S.A. Telex: 29-0451. Target: [4] [6]

LOADING DEVICE HANDLES SLIPSHEETS — Used on lift trucks, the "Challenger Push Pull" allows distribution systems to replace wooden pallets with slipsheets. This $5,000 unit fits onto any class 11 lift truck and is said to reduce handling costs. WRITE:

Tom Jacka, Mktg. Mgr., Brudi Equipment, Inc., Dept. CN, 2401 Talley Way, Kelso, Washington 98626 U.S.A. Telex: 910-473-8613.

VERSATILE ROUGH TERRAIN FORKLIFT — The "Harlo H-300 Forklift" permits handling of materials on unimproved surfaces. Features include 1,814 kg capacity, 6.5 m lifting height, side shift, work lights, safety flashers, hydrostatic steering, full instrumentation, back-up alarm, and adjustable cushion seat. The price ranges from $26,000 to $28,000. WRITE: Morris P. Versluis, Mgr., Mfg. & Sales, Harlo Products Corp., Dept. CN, 4210 Ferry St. SW., Grandville, Michigan 49418 U.S.A.

DURABLE WHITE ROOFING PRODUCT — Newly formulated, non-petroleum based "Mirrorseal" is used in conjunction with the firm's special fabric to create a seamless, lightweight, flexible, durable, waterproof roof. Easily applied by roller, the product provides insulation in cold weather and reflects heat to reduce interior temperatures in warm weather. A warranty is included, and labeling and licensing agreements are sought. WRITE: Ian Ornstein, Pres., Innovative Formulations, Dept. CN, 727 S. Park Ave., Tucson, Arizona 85719 U.S.A.

EFFICIENT CURB AND GUTTER MACHINE — The "Power Curber 3500" can pour up to 1,500 m/day of curb and gutter up to 1 m wide and 45 cm high. Smaller curb can be poured in the offset position. Priced from $45,000 to $50,000, the totally automatic machine follows a preset nylon cord and requires no seal forms or precast concrete sections. WRITE: Vicki L. Fulton, Admin. Mgr., Mktg., Power Curbers, Inc., Dept. CN, P.O. Box 1639, Salisbury, North Carolina 28144 U.S.A. Telex: 80-0537. Cable: POWERCURB. Target: [1] [2] [3] [4] [5] [6] [7] [8]

PORTABLE CEMENT MIXER SACK -- Designed to replace mechanical mixers, wheelbarrows, shovels, and hoes on small concrete jobs, the "Minit Mixer" allows the do-it-yourselfer to mix a 27-kg sack of pre-mix in less than one minute, the firm states. Licensees and distributors are sought for this reuseable, portable, disposable mixing sack, which costs between $2.50 and $5.00. WRITE: Larry Charles, Pres., Charles Development Corp., Dept. CN, P.O. Box 69241, Seattle, Washington 98188 U.S.A.

INNOVATIVE SMALL BACKHOE -- The "Badger Backhoe" is designed to outperform most small tractor- and trencher-mounted hoes with 20 to 30 hp engines. This self-propelled backhoe can be driven through narrow accesses and towed at highway speeds without a trailer. The $6,000 machine features a breakout force of 2 t, industrial grade hydraulics, cold-rolled steel pins, and replaceable bronze bushings. Agents and distributors are sought. WRITE: Jim Brennan, Mfg. Sales Rep., Double L Manufacturing Corp., Dept. CN, P.O. Box 597, American Falls, Idaho 83211 U.S.A. Target: [2] [4]

FOUR-IN-ONE MINING MACHINE -- This firm's "Chieftain" is said to be the first plant on the market to scalp, feed, screen and stockpile in one operation. It can be used in mining to screen new material and reduce material contamination. The "Chieftain," priced at $150,000, has a four-pump hydraulic system and is described as maintenance-free. Agents are sought for this portable processing plant, which can be ready for production within three hours of its arrival on site. WRITE: Eugene A. Kieran, Chief Exec., Powerscreen America, Inc., Dept. CN, 725 Beanblossom Rd., Louisville, Kentucky 40213 U.S.A.

Printing and graphic arts

HARD SURFACE COATING -- Available in polyester and polycarbonate, "Marnot II" hardcoated film can be used for appliances, automobiles, fascia panels, membrane switches, decorative trim, and graphic overlay. As a printing substrate it is said to have superior embossing and die-cutting characteristics. Available in clear polished, texture, and low-glare matte finishes from .0127 to .030 cm as well as overlaminating film for thick gauge applications, this product costs from $1.87 to $15/1,000 in2 (6,452 cm2). WRITE: William J. Howard, Sales Mgr., Tekra Corp., Dept. CN, 16700 W. Lincoln Ave., New Berlin, Wisconsin 53151 U.S.A. Telex: 88-0393.

FLOATING PARALLEL STRAIGHT EDGE -- The "Paral-Liner De Lux #2201" features a "comfort grip" bar with contoured beveled edges for firm, smooth finger-tip movement and full length pencil ledge. The elevated transparent plexiglass edges are at the precise height to eliminate ink smearing without allowing triangles and templates to slide under the edge. Precision steel ball bearing pulleys guarantee smooth, effortless cable action, according to the firm, which seeks agents. The price ranges from $30 to $60. WRITE: Eric Langhart, Export Sales Mgr., Alvin & Co., Inc., Dept. CN, P.0. Box 188, Windsor, Connecticut 06095 U.S.A. TWX: 710-425-8907.

VERSATILE CONVERTING SYSTEM — The "Mark Andy 830" is a compact, flexographic, central impression converting system that prints up to three colors on a maximum 178 mm web for label and tape applications. It includes stations for printing, diecutting, waste winding, punching, rewinding, sheeting, slitting, and laminating. Agents and distributors are sought for this machine, which costs from $22,000 to $32,000. WRITE: Dick Taylor, Sales Mgr., Intl. Div., Mark Andy, Inc., Dept. CN, 18081 Chesterfield Airport Rd., Chesterfield, Missouri 63017 U.S.A. Telex: 20-9881. Cable: MARKANDY.

DAMPENING ROLLER PROVIDES EVEN APPLICATION — The "Ultra Damp" dampening roller is designed to replace chrome models in continuous lithographic dampening systems. The tough ceramic covering is more damage resistant than chrome, the firm states, and provides more even dampening, faster start-ups, and reduced streaking without gumming or etching. The firm is interested in agents, distributors, and licensees. WRITE: Charles J. Dudek, Mktg. Services Mgr., American Roller Co., Dept. CN, 2223 Lakeside Dr., Bannockburn, Illinois 60015 U.S.A.

DURABLE THERMOPLASTIC SHEET — End-users and distributors are sought for "Vivak" packaging material. The thermoplastic copolyester sheet offers superior chemical resistance and impact strength, maintains excellent clarity, and thermoforms quickly and easily at low temperatures. It can be saw-cut, routered, die-cut, punched, cemented, decorated, and sterilized by gamma bombardment. Available in sheets from .5 to 14 mm or on rolls .2 to 2 x 1,220 mm, masked or unmasked, this material sells for $1.30/.45 kg. WRITE: William R. Preston, Vice Pres., Sales, Sheffield Plastics, Inc., Dept. CN, Salisbury Rd., P.O. Box 428, Sheffield, Massachusetts 01257 U.S.A. Telex: 29-2364 SHPLA UR.

PATENTED IMAGE ALTERING -- The "Micro Modifier-PCB" is a patented system which can alter the weight of photographic images to increments as fine as .0025 mm. Firms designing artwork for p.c. boards, or reproducing films for p.c. board houses should find the "Micro Modifier-PCB" effective at reducing waste, according to its manufacturer. Agents and distributors are sought for this system, which is priced from $6,000 to $12,000. WRITE: Richard Byers, Pres., Byers International, Ltd., Dept. CN, P.O. Box 26624, Oklahoma City, Oklahoma 73126 U.S.A. Telex: 910-831-3259.

PRECISION PHOTOGRAPHIC IMAGE REPROPORTIONING SYSTEM -- Agents and distributors are actively sought for the "Micro Flex PC-24." This unique precision photographic image reproportioning system can change the "x" dimension without changing the "y" dimension on multilayer printed circuit board artwork film, providing the needed compensation to overcome production variances when the multilayer boards are laminated. Accuracy in increments of .0001 of a percent ensures complete control by the user, according to the firm, which prices the product from $9,000 to $12,000. WRITE: Richard Byers, Pres., Byers International, Ltd., Dept. CN, P.O. Box 26624, Oklahoma City, Oklahoma U.S.A. Telex: 910-831-3259.

CONVENIENT TABLETOP PHOTO PROCESSOR -- The "Promate" is a fully automatic processor designed to handle material up to 45 cm at a variety of speeds. Compact and durable, it can easily retain the constant temperature of chemicals, and its one-piece rotationally molded body increases chemical resistance, according to the firm. The price is $4,950. WRITE: Jon Querner, Dir. of Intl. Operations, Kreonite, Inc., Dept. CN, Box 2099, 715 E. 10th, Wichita, Kansas 67201 U.S.A. Telex: 41-7346. Cable: KREONITE WIC. Target: [1] [2] [3] [4] [5] [6] [7] [8]

SYSTEM CUSTOMIZES T-SHIRTS -- T-shirts and other apparel can now carry pictures from posters, magazines, photocopies, or brochures through an image transfer system that produces this firm's "Pic-Shirts." Teenagers and young adults can transfer pictures of their favorite music, T.V., and film personalities using this system, and corporations as well as advertising agencies can transfer product or company logos. Agents and distributors are sought for this product, which sells for under $1/sheet. WRITE: Daniel Cooper, Pres., Industrial Adventures Corp., Dept. CN, 4647 Via Bendita, Santa Barbara, California 93110 U.S.A. RCA: 21-5007.

Production

COATING MACHINE PREPARES MAGNETIC TAPE -- The "Model FD Coating Machine" is intended for the precision coating of all types of magnetic tape, including media for flexible disc, video tape, computer tape and professional quality audio tapes, according to the firm. Designed for companies already established in the electronic consumer market, or firms engaged in plastic film or paper manufacturing or conversion, the product is said to feature low cost, flexibility of production and the option of some local fabrication to minimize shipping costs for bulky sections. The firm says it is interested in direct sales as well as joint ventures. The equipment price ranges from $150 to $850,000, depending on elements ordered. WRITE: T.C.T. Wherlock, Pres., Video Technology Inc., Dept. CN, 401 Wilshire Blvd., 11th Floor, Santa Monica, California 90401 U.S.A. Telex: 18-2067 HQ SNM.

MACHINE PRODUCES FLOPPY DISKS FOR COMPUTERS -- The "Flexible Disk Die Punch" produces floppy disks from rolls of polyester magnetic media at a rate of up to 120 disks/minute. For ease in further processing, disks are then delivered to handling spindles. The quality of the processed disks is said to equal or exceed ANSI specifications. The company claims faster production, quality output, less cost, smaller size, and easy maintenance for its machine. Priced at less than $40,000, the die punch is available in 8.89 cm, 13.34 cm, and 20.32 cm. WRITE: Eugene G. Cash, Gen. Mgr., Idea Engineering Co., Dept. CN, 1115 Race St., Plattsmouth, Nebraska 68048 U.S.A. TWX: 910-350-2145 IDEA ENGINEER.

VERTICAL UNIT FOR PRODUCTION LINE — The "Modular Vertical Transport Unit" works in conjunction with production line conveyors for continuous movement of production pallets, parts, or assemblies over isles or between floors. This machine is also useful for parts routing, batch handling, loading and unloading production machinery and for storage. The basic platform design can handle round, square, or rectangluar shaped products or pallets in time intervals of less than two seconds, and the platforms can be adapted to receive specific shapes including dual configurations for increased production capacity and flexibility. This compact unit, requiring as little as 60.96 x 91.44 cm of space, is priced from $5,000 to $20,000. The firm is seeking distributors. WRITE: Carl A. Kelling, Intl. Sales Mgr., Dorner Mfg. Corp., Dept. CN, 580 Industrial Dr., Hartland, Wisconsin 53029 U.S.A. Telex: 26-0358.

GLASS TEMPERING SYSTEM — Developed for strengthening and tempering glass to make it four times stronger than annealed glass, this firm's "Continuous Horizontal and Horizontal Oscillating Batch Tempering System" is said to offer easier installation, less start-up delay, simpler maintenance, and higher output than other systems. Designed to provide more productivity, flexibility, and energy efficiency, with up to 40 percent less system cost, this machine is priced between $300,000 and $900,000. WRITE: Frank Suchan, Intl. Mktg. Mgr., Hordis Brothers, Inc., Dept. CN, 97 Foster Ave., Moorestown, New Jersey 08057 U.S.A. Telex: 710-892-1814.

CONTOUR WHEEL DRESSER — The "E-Series Wheel Dresser" is designed to allow any operator to obtain exacting accuracies with a minimum of training. The extremely short linkage between the template and the grinding wheel greatly reduces the error possibility found in more expensive units, the firm states, and there are no bearings to wear out and cause accuracy problems. Easily portable, this device allows for more form grinding with fewer machines. The price ranges from $5,000 to $7,000. WRITE: Terry Morrison, Sales Mgr., Garner Industries, Dept. CN, 4200 N. 48th St., Lincoln, Nebraska 68504 U.S.A. Telex: 43-8068.

UNIQUE SYSTEM PURIFIES HYDRAULIC FLUIDS — This firm is actively seeking licensees or distributors with investment potential to market its "Hydra-Supreme Oil Purification System," designed to remove contaminants down to 2 microns. The self-contained off-line package can be sized to reservoirs ranging in size from 378.5 to 13,626 liters. The system has its own pump and motor combination, filter element, and flow meter all contained in a sturdy frame assembly. WRITE: Thomas K. Bridges, Pres., Hydra-Tech Hydraulics, Inc., Dept. CN, 11165 Condor Ave., Fountain Valley, California 92708 U.S.A.

Restaurant, hotel, and catering

NEW ICE-MAKER PRODUCES FRACTURED ICE — The "Mimco Fractured Ice Machine" for restaurants, bars, hotels and food markets is described as having a revolutionary design which eliminates all moving parts in its ice-making zone. It produces a superior piece of ice, the company says, and eliminates the need for different types of ice machines in one establishment. The company reports that the diamond-hard, clear, random pieces of ice produced by the machine will not interfere with carbonation in soft drinks, will chill iced drinks more rapidly than flaked or cubed ice, and are highly suitable for salad bar operations. The ice-maker comes in 135- and 225-kg models which feature a neutral baked enamel exterior with a stainless steel insulated storage area. Special orders are available. WRITE: Cary Malamud, Gen. Mgr., Miami Ice Machine Co., Dept. CN, 10910 NW. So. River Dr., Miami, Florida 33178 U.S.A. Telex: 499-6580 MIMCO UI.

SELF-SERVICE FROZEN BEVERAGE MACHINE — The "Super Stew Frozen Slush Dispenser" is said to be the world's first foolproof, labor-free, and self-service frozen beverage machine. Of interest to distributors of ice cream machines and fountain equipment as well as retail outlets with food preparation areas, this machine automatically dilutes the pre-mixed flavored syrup and pumps it to the freezing heads. Electronic sensors keep the mixture at the proper level at all times. Programmable automatic defrost and automatic re-set ensure continuous trouble-free operations. The cabinet is made of stainless steel for durability, attractiveness, and easy cleaning. The optional programmable sign on the unit displays sales messages. The firm is seeking distributors for this product which is priced at $2,000. WRITE: Donald R. Beard, Vice Pres., Chief Operations Officer, Stewart Sandwiches, Inc., Dept. CN, 5732 Curlew Dr., Norfolk, Virginia 23502-0759 U.S.A. Telex: 70-5854.

COUNTERTOP GAS OVEN — For all pizza operations and small establishments requiring large baking capacity in a small area, the "Pizza Oven - Model 922" has two 52- x 55-cm pizza baking hearths which can cook up to eight 25-cm pizzas at one time. It has the same capacity as floor model ovens, but costs less, sits on a counter or in a mobile catering unit, and uses only 10,080 kilocalories of gas. The center deck slides out for use as a bake-roast oven with a 30-cm high opening. Agents and distributors are sought for this product which is priced from $1,000 to $1,200. WRITE: Thomas Nixon, Export Sales Mgr., Bakers Pride Oven Co., Inc., Dept. CN, 30 Pine St., New Rochelle, New York 10801 U.S.A. Telex: 99-6696 Cable: BAKEOVEN.

ADJUSTABLE CONVEYOR TOASTER — For use in hotels, motels, institutions, and restaurants, the "RT-2AR 'Adjustable Range' Toaster" features independent temperature controls for top and bottom heating elements plus a fully adjustable conveyor speed for custom toasting of croissants, bread, buns, English muffins, specialty breads, and bagels. The maximum production of toast is 720 slices/h, and croissants can be reconstituted at the rate of 235/h. The "RT-2AR" is built of durable stainless steel and is available with a variety of options making it the ideal toaster for large or small operations, according to the firm. This product is priced at $835. WRITE: David S. Leith, Dir. of Sales & Mktg., Savory Equipment Co., Dept. CN, 349 Essex Rd., P.O. Box 608, Neptune, New Jersey 07753 U.S.A. Telex: 13-2439.

AUTOMATIC DOUGHNUT MACHINE — The fully automatic "SS1200 Donut Machine" produces all popular size doughnuts, from mini to regular old fashioned types. Size change-over can be made within minutes with the "cutter kit" that fits into the standard hopper. The unit counts and controls the number of doughnuts produced, with output ranging from 1,200 mini-donuts to 180 large donuts/h. Constructed of food-grade stainless steel and aluminum, the unit has seven easy-to-clean components and features solid-state electronics to control the cooking process. The countertop model shown may also be mounted in a free-standing indoor-outdoor stand with a special Formica fold-up cabinet with rollers. Both models can be set up in 15 minutes. Available in 115 VAC or 220 V 40 Hz, this product is priced at $2,695. Agents and distributors are sought. WRITE: Pat Anderson, Sales Dir., Lil' Orbits, Inc., Dept. CN, 8851 Research Center, Minneapolis, Minnesota 55428 U.S.A. Cable: ORBIT.

HIGH-PRESSURE FAUCET — Any manufacturer of equipment that needs a faucet for high-pressure dispensing of liquids will be interested in the "Pressure Faucet," designed to dispense hot liquids up to 100o C and to a maximum of 120 psi. This faucet features a simple design and is constructed with a chrome plated brass body, complete with aerator and a self-closing, lock-open handle. Several back end thread configurations are available. This product is priced to $23.35. WRITE: Raymond Frabotta, Vice Pres., Export Sales, Tomlinson Industries, Dept. CN, 13700 Broadway, Cleveland, Ohio 44125 U.S.A. Telex: 98-5409 Cable: NO DRIP.

BEVERAGE SERVICE SIGNAL — "Lightron" is designed to revolutionize the way customers receive faster and better beverage service in restaurants, hotels or other eating and drinking establishments. When a customer places an empty bottle on this device it lights up, and the server then knows, without asking, that the customer is ready for another drink. The "Lightron" is portable high-quality plastic, and will be of interest to advertisers and owners of gift and novelty shops. The firm is seeking agents for this product which ranges in price from $3.50 to $5.50. WRITE: Al D'Autorio, Owner, Lightron Co., Dept. CN, 18229 N. 39th Dr., Phoenix, Arizona 85308 U.S.A.

EFFICIENT QUANTITY FRYER — This firm's "Continuous Fryer" features flush mounted dual electric thermostats, a remote control panel and access to all gas train components. Offering up to 25 percent more heating surface area, the system also has an automatic oil level control and a hinged hood with folding, reversible sides for easy cleaning. Agents are sought for this machine, which is priced from $1,000 to $1,000,000, depending on options ordered. WRITE: George L. Kiefer, Sales Mgr., Food Machinery, Manley, Inc., Dept. CN, P.O. Box 1006, Kansas City, Missouri 64141 U.S.A. Telex: 42-4137.

HOT BEVERAGE DISPENSER -- Designed for coffee breaks and other portable service applications, the "Coffee Cater" is an insulated dispenser that contains 9.5 liters of hot coffee and 3.8 liters of hot water for other beverages. It keeps the beverages hot up to four hours, serves a choice of beverages, and organizes condiments. The price is $150. WRITE: Peter D. Stoner, Pres., International Thermal Dispenser Co., Dept. CN, 26 Haven Rd., Wellesley, Massachusetts 02181 U.S.A.

VISUAL DISPLAY BEVERAGE DISPENSER -- The new "Crathco Mini-Twin" is a beverage dispenser that uses less than .09 m2 of counter space. The unit displays drinks with either an agitating action or spray circulation. Cabinetry is available with high-impact plastic sides and drip pans or all stainless steel components. The firm's two-piece stainless steel valve is standard on each 7-liter bowl. The price ranges from $471 to $499. WRITE: Robert B. Thomson, Board Chairman, Crathco, Inc., Dept. CN, 480 Neponset St., P.O. Box 285, Canton, Massachusetts 02021 U.S.A.

COMMERCIAL KITCHEN MIXER -- The "Blakeslee DD Series Mixer" has a heavy duty four-speed transmission with positive drive and planetary mixing action to insure uniform, complete mixing of all cooking ingredients. The power is transmitted to a planetary gear through specially designed spiral-beveled gears, and an interlocking system prevents accidental starting. Priced from $4,200 to $5,000, this mixer is recommended for a wide range of commercial uses. WRITE: Daniel J. Veith, Mgr., Sales Admin., Blakeslee, Dept. CN, 1844 S. Laramie Ave., Cicero, Illinois 60650 U.S.A. Telex: 28-0764.

LIQUID FUEL FOOD WARMER -- A safe, efficient, and economical way to keep chafing dishes and food hot, "Chafe Safe" burns 7-1/2 to 8 hours, stays cool to the touch, and emits more BTUs than liquified alcohol fuels, according to the firm. It has a flash point over 121o C and requires no "hazard" labels, allowing for convenient air shipment. The manufacturer prices the product at $1.20/can and seeks distributors for the hotel, restaurant, and catering market. WRITE: Cy Rosenstein, Pres., Candle Corp. of America, Dept. CN, 141 W. 62nd St., Chicago, Illinois 60621 U.S.A. Telex: 28-0722.

PRACTICAL KNIFE RESISTS RUST-- "Bennett's BioCurve" features a durable, black polypropylene patented handle curved to fit the contour of the hand. The firm's unique taper grind permits the blade to stay razor sharp with the use of a butcher steel. The high-carbon stainless steel is made to resist rust yet hold an edge well. The knives come in an attractive and convenient alderwood storage block and cost from $3 to $44. Agents and distributors are sought. WRITE: Roy K. Erickson, Exec. Vice Pres., Chicago Cutlery Co., Dept. CN, 5420 N. County Rd. 18, Minneapolis, Minnesota 55428 U.S.A. Target: [2]

KNIFE HAS SHARP BLADE, NEW DESIGN -- The "American Chef" features an American walnut patented 19o curved handle designed to fit the hand comfortably. The razor-sharp, full-tang, high-carbon stainless steel blade resists rust and is easy to keep sharp, according to the firm, which offers the knife in 19 styles, 9 boxed sets, and 8 block set combinations. The price ranges from $6 to $72 FOB Minneapolis. Agents and distributors are sought. WRITE: Roy K. Erickson, Exec. Vice Pres., Chicago Cutlery Co., Dept. CN, 5420 N. County Rd. 18, Minneapolis, Minnesota 55428 U.S.A. Target: [2]

MACHINE BAKES FROZEN DESSERT CONES -- The "Rollercone Baking Machine" provides ice cream and frozen dessert retailers with fresh cones for their desserts. The $650 machine's elements are controlled by a pre-set thermostat, and each baking unit can be used independently. A mechanical bell timer controls cone color. Distributors are wanted for this easy-to-clean, heavy-duty baking machine. WRITE: Tim S. Clark, Pres., Allied Trade, Dept. CN, P.O. Box 9854, San Diego, California 92109 U.S.A. Cable: MESA SERVSDC.

Safety and security

HELMET PROTECTS AGAINST EXTREME HEAT AND COLD -- The "Tempo Uno" helmet, knitted from wool and plastic fiber, is said to protect metal workers from the effects of intense heat and flame, as well as protecting outdoor athletes from extreme cold. The knitted Dupont Nomex fiber, when worn on the outside, protects the wearer against heat and, when reversed, the 100 percent knitted woolen surface on the outside protects against low temperatures. One size fits all users. This helmet is said to be ideal for workers in steel and chemical plants, firefighters, and many other outdoor sports. Agents are sought for this $20 product. WRITE: Samuel E. Greeley, Pres., McLean Intl. Marketing, Inc., Dept. CN, 1503 Paradise Dr., Burlington, Wisconsin 53105 U.S.A. Telex: 70-1253.

TELEPHONE ANALYZER PROTECTS PRIVACY -- The "CCTA 1000" automatically performs a series of sophisticated tests on a telephone system to detect any hidden eavesdropping device. It automatically displays its own operating instructions, allowing anyone to use it without training. Described as the latest state-of-the-art portable computerized system to keep telephones and premises private, this device sells for $12,500. Agents are sought. WRITE: Alice Fribourg, Advertising Mgr., CCS Communication Control, Dept. CN, 633 Third Ave., New York, New York 10017 U.S.A. Telex: 23-8720.

MICROWAVE AUDIO-VIDEO LINK -- The "HDS FX-3" is described as a unique, state-of-the-art wireless audio-video transmission system consisting of an X-Band microwave transmitter and receiver. It is a miniaturized system said to deliver high-quality color video performance heretofore available only in large, expensive links. Typical applications include wireless audio-video surveillance and wireless television communications such as video teleconferencing. The firm is actively seeking sales representation for this $14,000-$18,000 device and its other products. WRITE: Dr. Thomas W. Christ, HDS International, Inc., Dept. CN, 12310 Pinecrest Rd., Reston, Virginia 22091 U.S.A. Telex: 64585.

HIGH-RISE RESCUE DEVICE -- The "Easy-Down Escape System" provides a safe, reliable, individually controlled method of escaping from high-rise buildings in case of emergency. It is also adaptable for use by window washers, painters, police, and rescue agencies. The travel kit contains a flashlight, icepick for breaking windows, duct tape, and equipment to evacuate two adults and two small children from buildings up to 15 stories high. Agents and distributors are sought for this device, which sells for $600 in travel kit form. More expensive total building installations are also available. WRITE: John McGinty, Pres., JOHNCO Manufacturing, Inc., Dept. CN, 37294 Camp Creek Rd., Springfield, Oregon 97478 U.S.A.

HIGH-VOLUME AIR SAMPLING FOR AIRBORNE ASBESTOS -- The ruggedly designed "Micro-Max 1" high-volume air sampling pump for airborne asbestos provides contractors, consultants, testing firms, and other asbestos control professionals with the maximum in sampling pump ease, speed, and accuracy, the firm states. It features an oil-less, vane-driven pump with an in-line, downstream regulator to adjust to filter loading conditions, maintaining a constant, set flow rate. Flow volume can be set from 5 to 20 liters/min. A 22.9-cm flow meter with a flow rate readout eliminates the need for time-consuming calibration, according to the firm, which seeks agents for this $699 product. WRITE: Bruce P. Newman, Vice Pres., Sales, Asbestos Control Technology, Inc., Dept. CN, 1525 Rt. 73, Pennsauken, New Jersey 08110 U.S.A.

SEALED WORK SPACE FOR STRIPPING ASBESTOS — The "Profo-Bag" provides a safe, cost-effective method of stripping asbestos coverings from pipes, while eliminating the need for costly full-room containment and decontamination procedures. Made of seven-mil polyethylene, this product is a sealed work space accessible by polyethylene-coated Tyvek sleeves and latex gloves. Recommended for use by the U.S. Environmental Protection Agency 1983 asbestos safety guidelines, this product sells for $120/case of 10. Agents are sought. WRITE: Bruce P. Newman, Vice Pres., Sales, Asbestos Control Technology, Inc., Dept. CN, 1525 Rt. 73, Pennsauken, New Jersey 08110 U.S.A.

FINGERPRINT KIT — Military, law enforcement, governmental, and investigative agencies will be interested in the "Pocket Print," case, a compact and portable kit for taking up to 50 sets of clean, permanent, inkless fingerprints. The kit is inexpensive, easy-to-use and eliminates any before-use preparation or after-use clean-up. The prints developed from this product are instantly dry, smudge-proof and can be microfilmed and photographed. The firm seeks distributors for "Pocket Print" which is priced at $25. WRITE: Oscar R. Pieper, Pres., Identicator Corp, Dept. CN, 901 Sneath Lane, Ste. 210, San Bruno, California 94066 U.S.A.

WIRETAP-PROOF TELEPHONE COMPONENT — The "PTA 101" is a sophisticated telephone analyzer that is said to be capable of protecting conversation privacy. Small enough to fit in the hand, it is suitable for travelers and is recommended for businesses, embassies, and other governmental components, as well as for private individuals. Its digital display reports a readout of numbers that alert the user to any changes indicating the presence of a wiretap on the telephone line. The product is priced at $5,000. WRITE: Alice Fribourg, Dir. of Mktg., CCS Communication Control, Inc., 633 Third Ave., New York, New York 10017 U.S.A. Telex: 23-8720.

ANTI-TERRORIST ROADBLOCK — The "Portapungi Vehicle Barrier" is designed to stop or disable vehicles attempting travel on restricted roads, streets, or driveways. The unit was built specifically to control bomb-laden cars and trucks attempting terrorist attacks. The unit may be installed in minutes and can be equipped for manual operation, hard-wire control, or radio operation. It is priced at $3,000. WRITE: James Page, Pres., Western Mfg. Co., Inc., Dept. CN, 1405 Sinclair St., Bottineau, North Dakota 58318 U.S.A.

POWERFUL NIGHT SCOPE — The "Dark Invader Model 3010" is a second generation night scope for law enforcement agencies. According to the manufacturer, the product makes it possible to read a license plate number when under normal night conitions only the back of a car would be visible. The unit produces detailed images by amplifying existing light 55,000 times. The "Dark Invader Model 3010" uses a powerful invisible, laser-type infrared illuminator to project a focused person-sized spotlight at 105 m. The firm seeks distributors for this $4,000 Product. WRITE: Brad Meyers, Pres., B.E. Meyers & Co., Dept. CN, 17525 NE. 67th Ct., Redmond, Washington 98052 U.S.A.

MEMBERSHIP CARD SCREENING DEVICE — This firm seeks agents and distributors for its "Infocard" system. This product is an optical card reader interfaced with a microcomputer. Through a variety of software packages, the "Infocard" can be used for such diverse applications as access control for community or corporation recreation activities, fully automated payroll systems, and energy and security management. Said to be unique, the system offers information retrieval and collation for $5,000. WRITE: Brian W. Moss, Vice Pres., Electron General Co., Dept. CN, 17981-G Skypark Circle, Irvine, California 92714.

LAMINATED SAFETY TAG — Safety directors in industrial, commercial, and government organizations will be interested in "Real Life Safety Tags," which make safety rules more meaningful by including the mechanic's photo along with the compelling message: "My life is on the line." The firm supplies all materials and equipment for users to make these durable laminated tags easily and economically in their own shops. Agents and distributors are wanted. WRITE: Lisa Wright, Export Sales Mgr., IDESCO Corp., Dept. CN, 37 W. 26th St., New York, New York 10010 U.S.A. Telex: 971209. Cable: IDENTSERV NEW YORK.

COMPUTERIZED ACCESS CONTROL — "CardAccess 150" is a micro- computer-based security system which performs access control functions. Designed to ensure ease of use, it is described as easily programmed and very flexible. The system controls up to 64 doors and 10,000 cardholders. Alarm monitoring zones and control relays ensure comprehensive building management capabilities in response to environmental changes and emergency situations. Also offered are employee data profile, map graphics, and time and attendance package options. The price ranges from $8,000 to $15,000. WRITE: Stanley W. Wand, Pres., Continental Instruments Corp., Dept. CN, 70 Hopper St., Westbury, New York 11590 U.S.A. Telex: 14-3187. Cable: CONTINSTRU.

HIGH-VOLTAGE PROTECTIVE BOOT — Designed for people who work in a high-voltage area requiring protective footwear, the "Servus Super Dielectric" rubber safety boot is said to surpass the current ANSI non-conductive testing standards by 40 percent, passing the 20,000-V test. This 35.56-cm, over-the-shoe boot is made of heavier gauge and higher grade rubber than other safety boots and is better able to withstand abrasive conditions. Other styles available are: 30.48-cm over-the-foot, Lineman's Rubber, Zipper and 4-Buckle, and the special Neoprene "Dielectric" from use around petrochemicals, animal fats, and other substances harmful to natural rubber. The boot is priced for $23 to $26/pair. WRITE: Craig Shoemaker, Servus Rubber Co., Inc., Dept. CN, P.O. Box 36, Rock Island, Illinois 61201 U.S.A.

AUTOMOTIVE ALARM SYSTEM — The "Theft Alert 500A-1" system uses a 1-W transmitter. When twin microsensors distinguish the sounds of forced entry into a vehicle, this transmitter broadcasts 1 of 10,000 different coded signals to the sensitive lightweight pocket pager up to 1 mile away. Priced between $100 and $150, this compact, adaptable system comes with a full one-year warranty. WRITE: Jean Johnson, Export Sales Mgr., Sun Electric Corp., Dept. CN, One Sun Parkway, Crystal Lake, Illinois 60014 U.S.A. Telex: 72-2486. Cable: SUNTESTER.

LONG-RANGE FIREFIGHTING — Described as the safest fire fighting unit available for refineries, tank farms, loading piers, and fire-, work-, or salvage boats, the "Aero Safe System" has a capacity up to 45,420 liters/min and a range up to 137 m. It features remote control and variable stream pattern and can use AFFF (aqueous film-forming foam). The price ranges from $500,000 to $1,000,000. WRITE: George W. Morgan, Fire Safety International, Dept. CN, P.O. Box 3393, Arlington, Virginia 22203 U.S.A.

FIRE PROTECTION BY SPRAY APPLICATION — "Fire Chek" is a water-based chemical saturant-sealant that acts as a fire retardant by converting combustible gases and tars to non-combustible carbon char. The clear, odorless, non-discoloring preservative is recommended for wood interiors, draperies, carpets, and construction materials. The product is priced at $15.75/3.8 liters and sold in containers of 55 U.S. gallons. Agents are sought. WRITE: N. Dale Dunham, Pres., Dunham & Sons Enterprises, Dept. CN, 13108 Sandstone Pl. NE., Albuquerque, New Mexico 87111 U.S.A. Cable: DUNHAMSONS.

PERSONAL MICROWAVE MONITOR — The "Micor 2000 Personal Microwave Monitor" provides information on ambient microwave field strength and warns of exposure to potentially hazardous radiation levels. Designed to increase the wearer's safety and peace of mind, this lightweight, easy-to-use device combines an alarm and monitor in one unit. The firm is interested in direct sales, as well as agent and distributor inquiries. WRITE: Tim M. Sharon, Vice Pres., Research & Development, Micor Instruments, Inc., Dept. CN, 4120 Birch St., Ste. 108, Newport Beach, California 92660 U.S.A. Telex: 51-7348.

MOTION SENSOR PROTECTS CAR — The "Model VP9003 Motion Sensor" protects a car from theft and hit-and-run accidents by sensing when a door, hood, or trunk is opened, brakes applied, or engine started. The alarm sounds a distinctive high-low "European" siren, shuts off after two minutes, and resets itself. It is priced under $100. WRITE: Jean Johnson, Export Sales Mgr., Sun Electric Corp., Dept. CN, One Sun Parkway, Crystal Lake, Illinois 60014 U.S.A. Telex: 72-2486. Cable: SUNTESTER.

FILM MAKES WINDOW GLASS STRONGER AND SAFER — "Armorcoat Security Film" makes ordinary office, car and residence windows over 300 times stronger, according to the company, protecting against smash-and-grab burglary, thrown objects, bomb blasts, vandalism, flying glass, earthquake, and fire damage. This is a thin non-distorting polyester film applied to the inside of window glass with a special adhesive. The company guarantees the film for five years against chipping, peeling, or yellowing, and says it does not cause distortion. The price ranges from $3 to $47.09 m2. Agents and distributors are desired. WRITE: Hal Rasmussen, Dir. of Mktg., RGL Lumber & Trading Co., Ltd., Dept. CN, 354 S. Spring St., Ste. 305, Los Angeles, California 90013 U.S.A. Telex: 19-4634.

RELIABLE MINIATURE SIREN — The blow-out-proof "Unitrol Siren" is designed to supply superior warning with instant-on operation of seven siren functions and a new electronic air horn. Used on motorcycles, boats, cars, and trucks, the easily installed, trouble-free unit can include automatic switching for warning lights, floodlights, and other accessories. The price ranges from $190 to $600. Agents are sought. WRITE: Don Needham, Vice Pres., Mktg., Dunbar-Nunn Corp., Dept. CN, 1108 Raymond Way, Anaheim, California 92801 U.S.A.

DISCREET SURVEILLANCE — Described as easy to install and inconspicuous, this audio surveillance station allows clients to monitor large or small secured areas with little danger of false alarms, according to the manufacturer. The "APVX Executive Base Station," which costs from $3,590 to $3,770, can be used in conjunction with CCTV or alone. It can pick up sounds within a range of 90 m and is said to provide almost repair-free performance. Agents and distributors are sought for this system. WRITE: Lee Humphrey, Intl. Export Mgr., Louroe Electronics, Inc., Dept. CN, 6158 Lemona Ave., Van Nuys, California 91411 U.S.A. TWX: 510-100-0975.

SMOKE SYSTEM PROTECTS AGAINST ATTACKS — The "V.O.I.D. (Visual Obscurity for Intrusion Delay) Security System" uses a chemical smoke barrier to protect military bases, embassies, nuclear reactors, nuclear material and weapon storage sites, and other government or commercial targets against attacks. The barrier eliminates all light sources to inhibit break-ins and employs chemicals to cause coughing, tearing, and disorientation for at least 30 min, allowing security forces time to respond to the attack. Agents are sought for this system, priced from $30,000 to $40,000. WRITE: Ronald E. Timm, Pres., R.E. Timm & Assoc., Dept. CN, 9235 S. 85th Ct., Hickory Hills, Illinois 60457 U.S.A.

Sports and hobbies

PORTABLE SEAT FOR FISHING BOATS -- The "All-Weather Quick Disconnect Swivel Seat" for fishing boats can be locked into place yet quickly and easily removed according to the firm. The 17.15-cm2 by 3.8-cm high mounting plate is said to be suitable for installation on the bench seat of an aluminum boat, on a built-in cooler or other box, or on many other flat spaces on a boat. The weather-resistant seat screws into the mounting plate and swivels to 360o, helping to reduce seating fatigue in users with its shock-absorbing properties, the company says. Designed with a fold-down back, the compact seat is easily stored on board or in an automobile. The seat is priced at approximately $70, with optional cushion and sport pads available for extra comfort. WRITE: Mr. Kim R. Hunter, Natl. Mktg. Dir., Tempress, Inc., Dept. CN, 701 S. Orchard, Seattle, Washington 98108 U.S.A. Telex: 27-7153.

LIGHT ALLOY WHEEL RIMS FOR SPECIALTY BICYCLES -- These aluminum alloy rims are designed for bicycle applications such as touring and loaded-touring, sports, tandems, utility, BMX, mountain and all-terrain bikes. Constructed of tempered T-6 6063 alloy, the rims are available in widths of 13, 17, 20, and 25 mm for mounting clincher and tubular tires ranging in width from less than 2.5 cm to more than 5 cm. The rims have burr-free holes which can be eyelet reinforced to facilitate mechanized wheelbuilding, and are particularly suitable for robotic truing. The manufacturer is seeking distributors for these state-of-the-art bicycle rims. WRITE: Richard McKown, Sales Mgr., Sun Metal Products, Inc., Dept. CN, P.O. Box 1508, Warsaw, Indiana 46580 U.S.A. TWX: 810-298-0799.

NEW JIG PROVIDES SNAG-FREE FISHING -- This firm's weedless jig features staggered barbs to hold the plastic tails of artificial lures firmly in place. It can be rigged with a variety of plastic offerings, including artificial worms, tails, skirts, and live minnows, eels, and shrimp. A piece of monofilament with a concave end that slips over the point of the hook allows anglers to fish in heavy cover without snagging on underwater weeds and other obstructions. Instead of popping up when a fish strikes, the weedguard slips downward, leaving nothing between the hook and the fish. Agents and distributors are sought for this $1.20-$3 product. WRITE: Stephen A. Marusak, Pres., Cotee Industries, Inc., Dept. CN, 537 E. Oakridge Ave., New Port Richey, Florida 33552 U.S.A.

FITNESS UNIT FOR WORKOUT -- The "Exercycle All Body Action" unit utilizes every major muscle group in a smooth rhythmic motion that enables a person, at any skill or fitness level, to obtain a complete aerobic workout while avoiding the muscle strains, pulled tendons and joint problems associated with other forms of exercise. The firm claims that with this motorized unit one can simulate the motions and benefits of a wide variety of exercises and calisthenics, including swimming, rowing, cycling, and chin-ups. Its seat, handlebars and pedals all move simultaneously in a constantly changing sequence of movements. This unit is recommended for home use, health clubs, or hospitals. Its price range is from $700 to $800, and agents are sought. WRITE: Philip O'Shan, Vice Pres., Sales, Exercycle Corp., Dept. CN, P.O. Box 1349, 667 Providence St., Woonsocket, Rhode Island 02895 U.S.A.

COMPUTERIZED FITNESS MACHINE -- Designed for use by health spas, hospitals, physical therapists, schools, sports teams, or individuals, the "Power Trainer" is used to build and measure strength. The rugged, institutional quality machine uses adjustable hydraulic cylinders that offer from 2.25 to 135 kg of completely safe resistance in both upward and downward strokes. It can be easily adjusted for over 20 upper and lower body exercises. All exercise is monitored by the Power Coach mini-computer or the Exercise Management System's IBM PC, and the readouts are in seconds elapsed, pounds of output, and foot pounds per second of power. The company is seeking agents for the "Power Trainer" which sells from $2,400 to $3,600. WRITE: Douglas Dudley, Vice Pres., Maeward, Inc., Dept. CN, 7898 S. Marshall Rd., Olivet, Michigan 49076 U.S.A.

COMPLETE MINI GYM FOR FITNESS — Designed for businesses, homes, hotels, country clubs or anywhere with limited floor space, the "Master Trainer II" is a complete fitness gym that requires only 2.44 x 3.05 m of space. The "Master Trainer II" has 14 different exercise stations, measures 2.28 m in height and weighs 675 kg. Agents are sought for this product which is priced at $3,995 plus freight. WRITE: Ray Boudreaux, Genl. Mgr., Body Masters Sports Industry, Inc., Dept. CN, 213 South Polk St., P.O. Box 239, Rayne, Louisiana 70578 U.S.A. Telex: 318-334-9829.

WEIGHT LIFTING AND EXERCISE BENCH -- Designed for use in small clubs and private homes, the "Marcy Pro MX #575" is a functional bench that always positions the weight bar conveniently in front of the lifter, not behind the neck or at the throat. Constructed of 2 x 4 and 2 x 2 (5.1 x 10.2-cm and 5.1 x 5.1-cm) steel tubing, this exercise bench features reversible incline, easy lift-off, no-pinch crutch tips, adjustable crutches, bench press, decline press, incline press, sit-up, leg flexion and leg curl. Agents and distributors are sought for this device which is priced from $118 to $145. WRITE: Gene Grant, Vice Pres., Sales & Mktg., Marcy Fitness Products, Dept. CN, 2801 W. Mission Rd., Alhambra, California 91803 U.S.A.

VERSATILE GYM FOR CHILDREN -- Schools, housing developments, resorts and childcare centers can use the "Playbooster" to develop children's fitness skills. Designed to support a variety of play activities, the system includes chain climbers, tunnel slides and chinning bars. Variations for all child age groups are available, all meeting or exceeding U.S. Consumer Product Safety Commission guidelines, the firm states. The price ranges from $20,000 to $25,000. WRITE: John Siberell, Export Sales Mgr., Landscape Structures/Mexico Forge, Inc., Dept. CN, 601 7th St. S., Delano, Minnesota 55328 U.S.A. Telex: 910-578-0833.

PROGRAMMABLE EXERCISE MACHINE -- The "Adonis Abdominal Machine 275A" is recommended for health and fitness centers or athletic teams. The "Adonis" develops muscular strength and fitness through progressive resistance weight training. It is designed to program the proper resistance for each individual's size. Calibrated springs are used in conjunction with a moveable weight stack to counterbalance variations in body weight. This feature is considered a significant technical contribution to cam resistance machines. The "Adonis" machine sells for $1,750. WRITE: Raymond M. Kirby, Vice Pres., Adonis Fitness Equipment, Dept. CN, 50 Kittredge Ave., Tewksbury, Massachusetts 01876 U.S.A.

DUMBBELL HANDLES WITH UNIQUE FEATURES -- Weightlifters will be interested in the solid steel chromed "Starlock Dumbbell Handles" with knurled grips. This equipment also features a "Star Locking System" that makes it easier to secure weight plates compared to conventional methods, according to the firm. In addition, the system has a safety mechanism that prevents slippage while exercising. Compared to traditional 35.6-cm handles, the Starlocks are 40.64 cm in length to accommodate added plates. This 5.63-kg product is available in full color packaging for $15.10. The firm is seeking agents and distributors. WRITE: Hyman Stansky, Export Mgr., Bollinger Industries, Dept. CN, 222 W. Airport Freeway, Irving, Texas 75062 U.S.A. Telex: 371-8938 LENNY S LSA.

PEDALS POWER BIKE'S COMPUTER -- The "Aerobicycle II" is an advanced aerobic conditioning system designed with 5 distinct, preprogrammed exercise modes that monitor the user's progress, pulse rate and caloric expenditure. It runs on pedal power, without requiring external electrical power and has state-of-the-art computerization. The "Aerobicycle II" is easy to operate and does not involve confusing programming. Fitness level determinations are based on YMCA norms. Anyone concerned with aerobic conditioning and exercise will be interested in this heavy-duty exercise bike which is said to be maintenance free. The product ranges in price from $2,300 to $2,400. WRITE: Ron Munn, Universal Gym Equipment, Inc., Dept. CN, P.O. Box 1270, Cedar Rapids, Iowa 52406 U.S.A. Telex: 46-4460. Cable: UNIGYMINC.

PROFESSIONAL ABDOMINAL BOARD FOR HOME USE -- The "Marcy Pro Ab #590" provides adjustable incline for effective abdominal conditioning and extra length for leg raises and sit-ups of various degrees of difficulty for trimming and toning. Convenient handles provide balance and easy carrying when the unit is folded flat for storage. Agents and distributors are sought for this versatile abdominal board exerciser which is priced from $48 to $58. WRITE: Gene Grant, Vice Pres., Sales & Mktg., Marcy Fitness Products, Dept. CN, 2801 W. Mission Rd., Alhambra, California 91803 U.S.A.

COMPLETE HOME WORKOUT SYSTEM -- Described as an easy-to-use precision machine, the "Marcy EM/1" offers over 14 exercise stations, 90 kg of weights resistance, a 144-kg capability, cast iron weights and an aluminum extrusion guide column. It is a wall-mounted unit, but the firm offers an accessory to convert it to a freestanding system. According to the firm, this unit's institutional construction and precision action make it ideal for use at home or in small clubs. The price ranges from $340 to $400. Agents and distributors are sought. WRITE: Gene Grant, Vice Pres., Sales & Mktg., Marcy Fitness Products, Dept. CN, 2801 W. Mission Rd., Alhambra, California 91803 U.S.A.

KNIFE SHARPENER HAS COMPACT CASE -- The "Lansky Sharpener" is designed to sharpen every knife to a professional edge easily and quickly. An innovative clamp and honing stone guide insures the correct angle on each pass of the hone over the knife edge. Finger grooves on the color-coded hone holders protect fingers. A compact case allows the sharpener to be taken on fishing, hunting, and camping trips. This product comes with three grades of hones in the "standard" kit, five in the "deluxe" kit, oil, and guide rods. The price is between $5 and $25. WRITE: John R. Anthon, Vice Pres., Operations, Lansky Sharpeners, Dept. CN, P.O. Box 800, Buffalo, New York 14221 U.S.A.

VERSATILE LOCKBACK KNIFE -- Hunters, campers, and hobbyists will be interested in the "Ranger Longhorn Folding Hunter." Registered and guaranteed against defects in material and workmanship, this versatile cutting tool features solid bolsters, extra heavy guage high-carbon steel, a finely honed blade, and durable butyrate handles. Packaged with a genuine leather sheath in an attractive gift box, the knife sells for $8. WRITE: Fred J. Paolantonio, Sales Coordinator, Colonial Knife Co., Inc., Dept. CN, P.O. Box 3327, Oak & Agnes Sts., Providence, Rhode Island 02909 U.S.A. Cable: COLONKNIFE.

SLEEPING MAT HAS CAMOUFLAGE PATTERN — Hunters and campers will be especially interested in this firm's "Woodland Camouflage Foam Pad." Made of closed-cell, cross-link polyethylene foam, the mat features a camouflage pattern on one side of a plain olive drab foam pad. This product is described as tough, lightweight, flexible and inexpensive at prices ranging from $3.50 to $7. WRITE: Robert D. Ewing, Pres., Outfitters Express, Inc., Dept. CN, 719 W. Ellsworth Rd., #4, Ann Arbor, Michigan 48104 U.S.A. Telex: 31-6902.

THREE-GRADED SHARPENING STONE — To keep knives and tools sharp, hunters, fishers and artisans can use the "Tri-Hone Sharpening System," which features three grades of sharpening stone assembled on a rotating but sturdy cedar base. The user has a choice of coarse aluminum oxide, medium soft Arkansas, or fine hard Arkansas stone. Each system includes instructions, honing oil, and angle guide. The system is available in 100, 200, and 250 mm lengths. Agents are sought for this product which is priced from $9 to $25. WRITE: Murray Harding, Vice Pres., Export Sales, Smith Whetstone, Inc., Dept. CN, 1500 Sleepy Valley Rd., Hot Springs, Arkansas 71901 U.S.A. Telex: 78-3122.

TRIGGER MECHANISM FOR BOLT ACTION RIFLES — The "Timney Trigger" is designed to solve the problem of creep and overtravel often found in the standard bolt action rifle trigger. Easy to install, it is fully adjustable to meet individual shooting needs. Sporting goods dealers, hunters, and target shooters will be interested in this product, which is available in models to fit most Mauser actions, Springfields, U.S. Model 1917 Enfields, Winchester Model 70s, Remington 700s and Ruger 77s. The price ranges from $30 to $55 plus shipping. Distributors are sought. WRITE: Paul Vehr, Vice Pres., Timney Mfg., Inc., Dept. CN, 3106 W. Thomas Rd., Ste. 1104, Phoenix, Arizona 85017 U.S.A.

CLEANING KIT FOR FIREARMS — Hunters and target shooters may want to use the "Universal Cleaning Kit," which features a steel cleaning rod for the extra strength needed for shotgun cleaning. The kit contains a 76.2-cm cleaning rod, two patch holders, two accessory adapters, cotton cleaning strips, Formula 3 Gun Conditioner, and a silicon gun cloth. By coordinating the proper accessories for the firearm being cleaned, the owner can cut down cleaning kit inventories when space is limited. Agents, distributors, and importers are sought for this $5.58 product. WRITE: Paul Judd, Pres., Kleen-Bore, Inc., Dept. CN, 20 Ladd Ave., Northampton, Massachusetts 01060 U.S.A.

BOW WITH RECURVE LIMBS — Target shooters and hunters will be interested in the "Double Eagle," which features multilaminate recurve limbs, a magnesium alloy riser, "E" wheels, and maple inlays and overlays. With a mass weight of 1.9 kg, the bow has a bow string length of 109.2 cm and 50 percent let-off. Its self-lubricating "Turcite" bushings are designed for long wear and continuous concentricity. Cam or "E" versions are available. Distributors and agents are sought for this product, which is priced from $90 to $600. WRITE: Dennis Kuhn, Export Sales Mgr., Coleman International, Dept. CN, 2111 E. 37th St., N. Wichita, Kansas 67219 U.S.A. Telex: 41-7372 COLMANITL WIC.

ADJUSTABLE RIFLE SLING — Hunters and target shooters can use the "Super Sling" for precise length adjustment. Designed for sporting rifles, this over-the-shoulder, weatherproof sling can adapt to any position for shooting or carrying with one hand adjustment. Made of lightweight, resin-treated nylon webbing, it is available in seven colors and retails for $14.95. Distributors and agents are sought. WRITE: Floyd Hightower, Pres., The Outdoor Connection, Inc., 201 Douglas, P.O. Box 7751, Waco, Texas 76714 U.S.A.

NON-FOULING SPORTING ARM PROPELLANT — "Pyrodex" is a pyrotechnic composition described as replica black powder. This flammable solid propellant is designed for use in muzzle loading and black powder cartridge guns. It is also popular with the fireworks industry, the firm says. In muzzle-loading firearms, this product is said to burn cleaner and produce less fouling build-up than black powder, which eliminates bore cleaning between each shot. Described as safer and more energy efficient than black powder, this product sells for $5.25/.45 kg. WRITE: R. E. Hodgdon, Vice Pres., Hodgdon Powder Co., Dept. CN, 6231 Robinson, Shawnee Mission, Kansas 66202 U.S.A.

UTILITY BOX FOR CAMPERS, BOATERS — Sports enthusiasts and hobbyists will be interested in this firm's "Stronghold Utility Box." Made of durable steel, this container is waterproof, rust-resistant, and available in optional colors (green and orange). It has a removable cover and comes with an optional padlock feature. Recommended for hunting, boating, and traveling, this product is priced from $4 to $7 FOB Georgia. Agents and distributors are sought. WRITE: Andrew Gole, Product Mgr., Standard Container Co., Dept. CN, 16 Daniel Rd., Fairfield, New Jersey 07006 U.S.A. TWX: 710-734-4338.

PORTABLE STRINGING MACHINE — The "Mark 10" is a portable racket stringer designed for use on tennis, racquetball, squash, and badminton rackets. It has a tension range of 4.5 to 41+ kg, operates without damaging gut strings, and never needs recalibration, the firm states. The device strings rackets of all sizes and is said to be the only portable stringer with a built-in high-tension vise brace. Guaranteed for five years against defects, the stringer is priced from $200 to $225. WRITE: Frank A. Faulstich, Pres., Sports Pal Co., Inc., Dept. CN, P.O. Box 28906, St. Louis, Missouri 63131 U.S.A.

ELECTRIC, VARIABLE DEPTH DOWNRIGGER FOR SPORTFISHING — Use of the "Walker Downrigger" makes it possible to fish at precise depths to 61 meters, in 30-cm increments, while using conventional light tackle such as fishing pole, reel, line, and bait. The "Downrigger" and line release take the angler to where the fish are located. When a fish bites, the fishing line and conventional equipment release from the 12 VDC system. This product can be used in fresh or salt water and has a 6-4-2 year warranty. It comes with 61 m of cable, a counter, and line release. The price for this product is $250, and wholesaler discounts are available. WRITE: William L. Gross, Natl. Sales & Mktg. Mgr., Walker Downriggers by Pacific Atlantic Products, Ltd., Dept. CN, 395 S. Pitcher St., Kalamazoo, Michigan 49007 U.S.A.

NEW COMPOUND CROSSBOW — Hunters and target shooters will be interested in the "ZX7," this firm's compound crossbow. It is said to offer power, accuracy, adjustability, and quiet operation. Features include a rifle trigger mechanism with automatic safety, two-limb design, and cocking stand. Black compound wheels offer 50 percent let-off, cutting string tension in half and increasing string life, according to the firm. Optional accessories for the $155.40 bow are available. WRITE: Terry Ploot, Pro Line Co., Dept. CN, 1675 Gun Lake Rd., Hastings, Michigan 49058 U.S.A.

STURDY FILLET KNIFE — The "Fish Fillet Knife" pictured has a thin, flexible blade designed to fillet lake, stream, and small saltwater fish with ease. The satin-finished stainless steel flat ground blade measures 15.24 cm, and the overall length of the knife is 27.9 cm. A molded leather sheath is included. Agents and distributors are sought for the fillet knife as well as for the firm's other models. WRITE: Dennis Kuhn, Export Sales Mgr., Coleman International Sales, Dept. CN, 2111 E. 37th St., N. Wichita, Kansas 67219 U.S.A. Telex: 41-7372 COLMANITL WIC.

NYLON FISHING NETS ARE GUARANTEED — Loki fishing nets are made of monolene nylon and are unconditionally guaranteed for four years. The boat net pictured here features a weighted ring bottom and a strong, lightweight aluminum handle with finger grip. Available in sizes for the smallest pan fish or the largest bass, the net is recommended for sport and commercial fishers alike. WRITE: Barbara Halverstadt, Mgr., Snibbe International, Dept. CN, P.O. Box 5326, Clearwater, Florida 33518 U.S.A. Telex: 26-4656. Cable: SNIBBE.

WORM FARM FOR READY BAIT — The "Magic Worm Farm" is designed to keep bait worms in good condition with little effort. This complete kit contains a 680-g bag of "Magic Worm Bedding," a 114-g bag of "Magic Worm Food" and instructions, all in a 22- x 30- x 19-cm expanded polystyrene bait box. A strong steel handle makes it portable. The expanded polystyrene container has a high insulation value and is lightweight and water resistent. The company is seeking agents and distributors for this product which is priced at $3.75. WRITE: Donn Schwarze, Pres., Magic Products, Inc., Dept. CN, Highways 10 & Q, P.O. Box 38, Amherst Jct., Wisconsin 54407 U.S.A.

LOW-COST, VERSATILE ARTIFICIAL BAIT — Sport fishers will be interested in the "Blakemore Road Runner," which is one-third to one-half the cost of other artificial bait. The "Road Runner" combines both jig and spinner to catch all sizes and kinds of game fish in fresh- or saltwater year round. It is also available in multiple shapes such as shad, curl tail grub, living rubber skirt, and live hair. Another feature is its use in multiple methods of fishing such as straight and slow, slow pumping action, or slow jig or trolling, among others. This fishing lure, which comes in four sizes from one gram to seven grams, sells for $.65 each. WRITE: Ted Bamberger, Pres., Extex Co., Dept. CN, 1034 B Second St., Lafayette, California 94549 U.S.A. Telex: 17-2137 H AFC CG LFAY.

COMPACT UNIT MEASURES VELOCITY OF PROJECTILES — The "Quartz-lok Ballistic Chronograph" is designed to measure the velocity of arrows, bullets, or other projectiles from 64 to 1,402 m/sec. The unit is about 36.8 cm long, 10.2 cm wide, and 6.4 cm high. It fits on a standard camera tripod with an LCD readout of 1.8 cm. Variations can be ordered for 32 to 1,219 m/sec for about $30 more. The firm states that accuracy varies by less than one percent age point of error. The price is $250. WRITE: Gary Sepp, Distributor, Quartz-lok, Dept. CN, 13137 N. 21 Lane, Phoenix, Arizona 85029 U.S.A.

SHOOTING ACCESSORY ELIMINATES GLARE AND INCREASES ACCURACY — The "Gunsmoke" Lamp is a carefully manufactured carbide torch designed to blacken fine target pistol sights and barrels. It is said to substantially increase shooting accuracy by creating a greatly improved sight picture. The torch is self-lighting, comes complete with a plastic water bottle to activate the carbide fuel, and complete instructions. The kit is packaged in an attractive plastic case that fits into a shooting kit or a shirt pocket. The price ranges from $6 to $8. WRITE: Geoffrey A. Currier, The Gun House, Dept. CN, P.O. Box 502, Natick, Massachusetts 01760 U.S.A.

SPACIOUS TENT FOR CAMPERS — Campers will be interested in the sturdy "Camel Tent," which features extra large windows, increased living space, and maximum screen area in windows and doors. Its heavy-duty self-repairing nylon zippers on all outside exposed closures will not rust or corrode and are water repellent, the firm states. The tent also features quick-lock poles with adjustable clamps that will not slip, making assembly almost effortless. Agents are sought for this tent and related camping products offered by the firm. WRITE: Barbara Halverstadt, Mgr., Snibbe International, Dept. CN, P.O. Box 5326, Clearwater, Florida 33518 U.S.A. Telex: 26-4656.

LARGE, EASY-TO-ASSEMBLE TENT — The "Wenzel Inglenook Tent" is a large 3-m x 4.25-m two-room tent that is easy to assemble and disassemble. It also has a 1.5-m2 Sun Fly and four 1-m x 8-m windows that provide excellent ventilation. Another feature is a durable and rust-resistant aluminum frame. The firm is seeking agents and distributors for the Inglenook which is priced from $100 to $150. WRITE: William T. Dowley, Intl. Sales Dir., Kellwood Recreation International, Dept. CN, 111 Industrial Dr., New Haven, Missouri 63068 U.S.A. Cable: KELLWOOD.

INEXPENSIVE POCKET COMPASS WITH OPTIONS — The "F-9020 Compass" is an inexpensive compass with a variety of features designed for any beginner or expert in outdoor activities. Easy to use, this model features a rotating azimuth ring, patented adjustable declination and an optic green base that highlights maps. It can also operate in temperatures from -10oC to 65oC. In addition, the "F-9020" features a liquid-damped cobalt steel needle and is easy to find when dropped. The firm is seeking agents and distributors for the compass which sells for $4.50. WRITE: Al Kavalauskas, Intl. Sales Mgr., Brunton, Dept. CN, 620 E. Monroe, Riverton, Wyoming 82501 U.S.A. Telex: 31-8069.

ALL-WEATHER FINISH PROTECTS TENNIS COURTS — "Plexipave" tennis court surfacing combines texture coats and finish coats to provide an all-weather surface guaranteed for indoor or outdoor use. For use on asphalt or concrete, this 100 percent acrylic system protects asphalt surfaces from fading and deterioration caused by ultraviolet rays, the firm states. It is available in eight colors and is priced from $6 to $10/3.8 liters. WRITE: Joseph Junkin, Pres., California Products Corp., Dept. CN, P.O. Box 569, 169 Waverly St., Cambridge, Massachusetts 02139 U.S.A. Telex: 95-1587 Calpro-CAM.

PRESSURE PRESERVES TENNIS BALLS — Tennis players can extend the life of tennis balls by placing them in the small, lightweight "Edgeroy Ball Press" immediately after use, the company claims. The "Edgeroy Ball Press" provides full, continuous pressure with no pumping necessary, and after storage in the press, balls are said to pass the USTA bounce test. Easy to use and maintenance free, the press features a brass handle and a plated steel bolt. Agents and distributors are sought for this product which is priced from $5 to $6. WRITE: Robert S. Feinberg, Edgeroy Co., Dept. CN, Box 494, Ridgefield, New Jersey 07657 U.S.A. Cable: EDGEROY.

CONCAVE TENNIS BACKBOARD — "Practice Plus" is a unique, concave tennis practice backboard designed to simulate actual playing conditions. The unit's four 1.2- x 3-m sections are curved horizontally and vertically to rebound the tennis ball with a consistent lofted return. According to the firm, the advantages of this product include its low cost, $1,295, simple installation and maintenance, and easy use for personal practice, recreation, or teaching. A complete instruction manual including "Games to Play" is included. Agent inquiries are invited. WRITE: John P. Lombardi, Natl. Sales Mgr., Practice Plus, Dept. CN, P.O. Box 590, Leesburg, Virginia 22075 U.S.A.

MINIATURE TABLE TENNIS — Small, lightweight, and easily portable, "Chong Table Tennis" can be played anywhere in homes and recreation centers, the manufacturer states. Adjustable heights enable players of all ages and degrees of physical fitness to play either standing up or seated in chairs. One height is specially designed for wheelchair users. The table measures .048 m3 and weighs 13 kg. The price is $35 per unit, complete with paddles, net and balls, FOB Indiana, U.S.A. Minimum order: 750 units. WRITE: Henrik Schlubach, Pres., Original Enterprises, Inc., Dept. CN, 1731 Milan St., New Orleans, Louisiana 70115 U.S.A

TRAINING DEVICE FOR BASKETBALL PLAYERS — The "Posey Dribble Aid" blocks downward vision, helping players learn to dribble the ball without looking at it. Made of durable, soft plastic, it features an adjustable head band to fit both boys and girls. This device is designed to improve fundamental ball handling skills, court awareness, and confidence. Agents and distributors are sought for this $1 product. WRITE: John Posey, Pres., John Posey Co., Dept. CN, 108 E. Main St., P.O. Box 337, Jenks, Oklahoma 74037 U.S.A.

FIELD HOCKEY BALL — Made of solid polyurethane, the "Poli Field Hockey Ball" is described as inexpensive and extremely durable. Said to have the playing qualities of the best leather balls, it is available in two "Poli Match" models for variable playing conditions and in a "Poli Practice Ball" version with similar playing qualities at substantial savings. Agents and distributors are sought for this product which is priced from $1.33 to $3. WRITE: Sandra Vanderstoep, Pres., Mitchell & Ness International, Dept. CN, 732 Manitou Ave., Manitou Springs, Colorado 80829 U.S.A. Telex: 70-3887.

PORTABLE BASKETBALL BACKSTOP — Schools and sports arenas can use the "Hydra Goal II," a hydraulically operated basketball backstop that can be folded and rolled away for storage. Designed for competitive use, the unit features self-leveling, non-marking floor stops, bank support stress plate, and full padding. It has a ballast weight of

495 kg and 540-kg rated casters with polyurethane tread. The price is $6,100. WRITE: Recreation Equipment Corp., c/o Charles H. Reed, Charles H. Reed Export, Inc., Dept. CN, P.O. Box 596, Norwell, Massachusetts 02061 U.S.A. Telex: 94-0827 CHAREED BSN.

FOOTBAG PROVIDES EXERCISE AND FUN — Designed to enhance rehabilitation and exercise, the "Hacky Sack Footbag" is described as original and inexpensive. This internally stitched, handmade, quality leather product is filled with plastic filler and is the shape of a small bag approximately 5 cm in diameter. It is made for use in a variety of footbag games. Distributors are sought for this product which is priced from $.70 to $1.25 WRITE: R. John Stalberger, Pres., Keanncorp International, Ltd., Dept. CN, 10463 NE. 4th Plain, P.O. Box 4169, Vancouver, Washington 98662-4169 U.S.A. Telex: 75-2562 KENNCORP UD.

DURABLE BASEBALL WITH TRUE FLIGHT — This firm's baseballs are said to meet all major league specifications. The leather covers, double stitched seams, and long-lasting solid core centers give them excellent shape retention and longer life, according to the company. Softballs are also available. Agents and distributors are sought for the balls, which are priced from $45 to $76/doz. WRITE: Marc Bryant, Dir., Intl. Development, Dudley Sports Co., Dept. CN, Recreational and Team Equipment Div., 200 Park Ave., Ste. 303, New York, New York 10166 U.S.A. Telex: 64-6745 WUPUBTCX WHP. Cable: PATHFIND.

ALL-WEATHER NATURAL GRASS SPORTS FIELD — At half the price of artificial turf, the "Sportsturf" natural grass system is said to withstand the demands of soccer, rugby, field hockey, thoroughbred horse racing, and other outdoor sports events. Even in areas where heavy rainfall presents problems, this technology provides a firm, uniform playing surface, according to this company which is experienced in exporting and offers a staff of registered agronomists and engineers. Agents and licensees are sought to market the "Sportsturf" system. The price is $2/.46 m2. WRITE: Melvin J. Robey, Pres., Sportsturf International, Dept. CN, P.O. Box 9312, Salt Lake City, Utah 84109 U.S.A. Telex: 82-0832.

OFFICIAL SOFTBALL BAT — Softball players will be interested in the "Louisville Slugger," approved by the Amateur Softball Association and the U.S. Slo-Pitch Softball Association. The bat features a rubber grip, regular knob, 5.7-cm barrel diameter, and 2.9-cm handle diameter. Available with short, medium, or long barrel, the bats are packed 6 to a carton. Agents are sought. WRITE: Mike McGrath, Dir., Intl. Mktg., Hillerich and Bradsby F.S.C. Co., Dept. CN, P.O. Box 35700, Louisville, Kentucky 40232 U.S.A. Telex: 75-6396.

PLASTIC HOCKEY STICK PROMOTES SAFETY — This firm's "Plastic Floor Hockey Stick" is made to look like regulation equipment but is constructed of plastic for lightness and safety. It comes in a variety of sizes designed for children aged nine and older, as well as adults. Recommended for teaching the fundamentals of official hockey, field hockey, and bandy, this product is priced from $1.50 to $4. WRITE: Phillip Carlson, Dir., Intl. Sales, Schaper Mfg. Co., Dept. CN, 9909 S. Shore Dr., P.O. Box 1426, Minneapolis, Minnesota 55440 U.S.A. Telex: 687-9057.

HIGH QUALITY BASKETBALL GOAL — The "Rigidbilt Concept II" heavy duty goal is recommended for parks, recreation departments, schools, gyms, and unsupervised play areas. Made with high alloy and carbon steel, the goal has thicker, longer bracer bars to prevent cracking at the weld. In addition, the rim's durability allows it to flex 2 inches without permanent bending or distortion. Featuring mounting plates with different hole patterns to fit most front or rear backboards, and designed not to lose net hangers, each goal comes with a heavy-duty net and electro-plated, corrosion-resistant attachments. Laboratory vibration and force tests prove the Concept II outlasts other goals tested, according to the firm. The goal, which comes with a one year unconditional warranty, sells from $66.95 to $80.90/pair. WRITE: Julie Nimmons, Sales Mgr., Schutt Manufacturing Co., Dept. CN, 610 S. Industrial Drive, Litchfield, Illinois 62056 U.S.A.

IMPROVED SHOCK ABSORBENT FACE GUARD — Football teams will be interested in the "Pro-Guard RS" faceguard which absorbs shock to reduce helmet stress and minimize faceguard spreading. It features the "RS (Reverse Strap) System," a set of attachment straps that are redirected to the rear for more flexibility upon impact. Extended, strong, welded frame wire adds strength, while eliminating the need for two sizes. The "Pro-Guard" also features a lighter yet stronger vinyl coating that reduces weight up to 10 percent, improves visibility and prolongs faceguard life. The "Pro-Guard" is available in 12 colors and sells from $5.10 to $6.90. WRITE: Julie Nimmons, Sales Mgr., Schutt Manufacturing Co., Inc., Dept., CN, 610 South Industrial Drive, Litchfield, Illinois 62056 U.S.A.

ROLL-IN BASKETBALL BACKSTOP — The "Hydra-'RIB'" is a fully powered, hydraulic, roll-in basketball backstop that is widely used by the NBA, high schools, and colleges in the United States. Approved for international competition and selected for use in World University Games, Pan-American Games, Asian Games and Olympic trials, it can be moved by one person. The "Hydra 'RIB'" comes complete and ready to use, including glass boards and high-strength goals that flex but do not bend. The metal is painted white and the 63-mm thick padding is black. The price ranges from $13,000 to $15,000.

WRITE: JoAnne Roseman, Vice Pres., Corp. Sec., Sorensen-Christian, Dept. CN, Box 1, Angier, North Carolina 27501 U.S.A. Telex: 57-9341. Cable: SCIANGI.

TACKLING SLED HELPS TRAIN FOOTBALL PLAYERS — Teams playing U.S. style football or rugby can use the "Tackleback One Man Sled" to increase strength and coordination. The unit's round pad simulates a runner's torso and legs, the right target to encourage a good arm wrap, the firm states. The curvature of the spring arm projects the pad forward, compelling a tackler to breakdown into a good hitting position. The multi-purpose sled can be turned over on its side just as a ball carrier is put on his back. Also available in a junior model for younger and lighter players, this product is said to provide the next best thing to live tackling. Agents and dealers are sought. WRITE: Neil Gilman, Vice Pres., Marty Gilman, Inc., Dept. CN, Gilman Rd., Gilman, Connecticut 06330 U.S.A.

LIGHTWEIGHT, DURABLE BATTER'S GUARD — The "Grand Slam Batter's Guard" is designed to provide protection and high visibility for youthful baseball and T-Ball players. It is made of welded wire and has a chip-resistant vinyl coating for additional durability. Hardware and instructions are included with the easy-to-mount guard that fits all helmet sizes. It also features four sturdy urethane straps that keep the equipment secure and help absorb the shock of a thrown ball. In addition, the guard is lightweight for comfort, while never impairing a player's movement. The "Grand Slam" is available in four colors for $4.95. WRITE: Julie Nimmons, Sales Mgr., Schutt Manufacturing Co., Dept. CN, 610 S. Industrial Drive, Litchfield, Illinois 62056 U.S.A.

BASKETBALL BACKSTOPS FOR GYMS — Institutional Product's "Basketball Backstop Support System" is designed to attach to the overhead steel beams of an existing gymnasium. These fold-up backstops are available with manual- or wall-key, switch-operated electric hoists, and the backboard is available in glass, wood, steel, or fiberglass. Installation drawings are provided with the system which is competitively priced from $5,000 to $30,000 per system. The company is seeking agents and distributors. WRITE: Joseph Duganich, Pres., Institutional Products, Inc., Dept. CN, 2364 N. Butler Ave., Indianapolis, Indiana 46218 U.S.A.

EXTRA-LARGE FIRST BASE MITT — The "Markwort First Base Mitt" is entirely made of leather, including the leather lining. It has a five-strap see-through web and an adjustable thumb and wrist strap with finger opening on the back. The mitt is rawhide laced, nylon stitched and is said to be made with the best materials available, professional design and handcrafting. The firm is seeking agents for this mitt which sells for $60. WRITE: Herbert Markwort, Jr., Vice Pres., Mktg., Markwort Sporting Goods Co., Dept. CN, 4300 Forest Park Ave., St. Louis, Missouri 63108 U.S.A. Telex: 88-0042. Cable: MARKWORT.

WARMUP SUIT FOR TEAMS, SCHOOLS, AND INSTITUTIONS -- This top-quality "Model JS Team Warmup Suit" is made of 100 percent polyester. The jacket has two pockets, a convertible collar and raglan sleeves. The pants have two pockets, 17.78-cm zippers at the bottom of the legs and sewn-in front creases. The warmup suit is available in 18 team color combinations and in unisex and children's sizes, all of which are in stock. Agents and distributors are sought for these warmup suits which sell for $17.25 to $21.65 each. WRITE: Ted Morse, Andia Progress Co., Inc., Dept., CN, 47 Soundview Ave., White Plains, New York 10606 U.S.A. Cable: ANDIA.

COMFORTABLE CYCLING SHORTS — Bicycle racing teams and touring cyclists will be interested in this firm's "Bicycle Racing Lycra Shorts." Made of high-quality U.S. fabric, they are designed to last for 5,000 kilometers of use. Available in four sizes, the shorts come in black and cost $8.95/pair FOB Los Angeles, California, U.S.A. Terms are cash with order or irrevocable OSLC. WRITE: Rick Jackson, Pres., Jackson Co., Dept. CN, P.O. Box 5879, Riverside, California 92517 U.S.A.

DURABLE HEEL CUSHION HELPS PREVENT INJURY -- "Softstride Heel Cushions" are said to reduce heel, ankle, leg, knee and back injury caused by walking, running or standing. Designed by a podiatrist, the cushion is recommended for athletes and walkers. It fits any low-heeled shoe without slipping, and lasts 12 months with continuous use, according to the firm. The washable cushion has a light talcum fragrance that is said to keep shoes fresh for 6 months. The firm is seeking distributors for this product which sells for $3 to $4. WRITE: C. J. Miller, Dir., of Mktg., Softstride Products Inc., Dept. CN, 4542 Emerson Ave., Parkersburg, West Virginia 26101. Telex: 95-5422 Attn: Softstride.

FOAM INSOLE ABSORBS ODORS -- Sportsminded individuals will be interested in "Footlites," a foam footbed said to absorb odors three times more effectively than other products. Its specially adapted sockliner incorporates thousands of hydrophobic fibers designed to carry odor-causing vapors down into the activated odor-absorbing medium. The product is available in both a flat and custom-molded insole for use in athletic, casual, and duty shoes, as well as fashion footwear. It also comes in roll form for final cutting by the shoe manufacturer. WRITE: Richard L. Bailly, Vice Pres., United Foam Plastics Corp., Dept. CN, 172 E. Main St., Georgetown, Massachusetts 01833 U.S.A. TWX: 710-347-0315.

HANDCRAFTED WOODEN SNOWSHOES -- The "Iverson Snowshoe" is constructed of a northern white ash straight grain frame and nylon reinforced neoprene lace and harness. Described as durable and maintenance-free, it is said to be ideal for recreational and professional use. Available in 13 sizes, the snowshoes are unconditionally guaranteed in normal recreational use against defects or failures in materials or workmanship for the life of original ownership. WRITE: Cheryl E. Field, Vice Pres., Iverson Snowshoe Co., Dept. Cn, P.O. Box 85, Maple St., Shingleton, Michigan 49884 U.S.A.

CUSTOM-MADE SAILBOARD -- Sailboard riders will be interesed in the "Con Sailsurfer," a custom-designed, custom-built sailboard that is made from light polyurethane foam with 2.32-cm wood stringers. It features 2 layers of fiberglass on the top and 1 layer of fiverglass on the bottom. The base price of the "Con Sailsurfer," which is approximately $300, includes 3 fin boxes, 2 power plug deck inserts, 2 mast steps, the serial number printed at the tail under the fiberglass, and 2 fiberglass fins. Additional features are available at extra cost. The sailboard will be made to the customer's specifications. WRITE: Con Colburn, Con Surboards, Dept. CN, 529 Venezia Ave., Venice, California 90291 U.S.A.

ELECTRONIC UNIT SOUNDS DEPTH -- Fishers, scuba divers, and guides can use this firm's "Depth Sounder" to plot the shape and depth of the bottom of a body of water conveniently. The device also locates fish and submerged obstacles. It features a digital display that shows bottom depth, range, and alarm setting and an auto-range mode that allows hands-off operation. There are 14 manual ranges from 4.5 to 64 m and an adjustable 1.2- to 15.2-m alarm that emits a short "beep" when fish are detected. An expand mode shows details at the bottom. Agents and distributors are sought for this microprocessor-controlled, solid-state device, which costs $275. WRITE: Rick Anderson, Contract Liaison Officer, Computrol, Inc., Dept. CN, 701 E. 44th St., Boise, Idaho 83714 U.S.A.

TWO WET SUITS IN ONE -- Sport and commercial divers, military divers, wind surfers, skin divers, and water skiers will be interested in Parkway's "Gemini Wet Suit," which offers flexibility for all weather conditions. The step-in "Shorty Jacket" can be worn alone in warm weather for boardsailing, diving, white water canoeing and other sports, and in combination with the "Farmer John Pants" on colder days. The wet suit is made of the firm's exclusive four-way stretch Thermoflex and comes with a choice of nylon or plush lining. The price of the product is $117. WRITE: Bill Kerner, Jr., Export Sales Mgr., Parkway Systems, Dept. CN, 241 Raritan St., South Amboy, New Jersey 08879 U.S.A. Telex: 84-4568.

DEVICE MEASURES WATER TEMPERATURE, TROLLING SPEED -- Fishers can use the "Pro-Combinator" to obtain an accurate measurement of water temperature and trolling speed at the desired depth. The device is designed to record temperatures in less than eight seconds and to record speed changes instantly. It emits a small, controlled amount of voltage into the water, attracting fish by creating a "black box" effect. Priced from $275 to $790, this product is patented in the U.S. and Canada. WRITE: Randy Swanstrom, Dir., Electronics Div., The Weller Co., Dept. CN, P.O. Box 784, 525 Lake Ave. S., Duluth, Minnesota 55802 U.S.A.

EFFICIENT UNDERWATER PROPULSION -- Divers will be interested in the miniature "Diver Vehicle DV-3X," designed to eliminate the need to kick. This device is said to reduce typical divers' air consumption by 50 percent, extending their range 10 times. The device is 23 cm long and is powered by two 12-V, 15 AH rechargeable, maintenance-free batteries. It has a variable speed of 2.4 to 4.8 k/h and runs for 2 hours, according to the firm. With the molded carrying case, prop screen, and 3-hour fast charger, it is described as the ideal machine for the diver who loves to travel. Distributors are sought for this device, which is priced from $360 to $495, as well as the firm's other scuba products. WRITE: Julie M. Johnson, Export Mgr., TEKNA, Dept. CN, 1075 Old County Rd., Belmont, California 94002 U.S.A. Telex: 27-8119.

STAINLESS STEEL HARNESS LINE FOR ADDED SAFETY -- Sailors and sailboarders will be interested in the "Power Line," said to be the only harness line hook-up using stainless steel cable. Especially important as a security measure in strong winds and in sailing competitions, the line is made of plastic-coated steel cable and is available in two lengths, 75 and 63 cm. The company claims that the line will not stretch, droop, tangle, or wrap around the boom while sailing, yet it will hold an arch for hand-free hooking and unhooking. The boom straps are 5.08-cm wide nylon web, double-purchase Velcro closures that are fully adjustable, easily fastened and removed. Once secured, they will not slip. The price for this product ranges from $11.70 to $12.70. WRITE: Con Colburn, Pres., Control Products, Dept.CN, 533 Venezia Ave., Venice, California 90291 U.S.A.

DURABLE PLASTIC CANOE IS EASY TO PADDLE -- Beginning or experienced canoeists will appreciate the speed, stability, and maneuverability of the "Explorer Canoe," a sleek, wood-trimmed Canadian style canoe. It is made of a durable plastic that can absorb white water impact without fractures and requires little maintenance. This easy-to-handle canoe is available in lengths of 4.88 and 5.23 m. The average weight is 33 kg, and it can easily carry 499 kg of gear and still retain 17 cm of freeboard. Agents and distributors are sought for this canoe which is priced between $580 and $675.

WRITE: Rob Center, Mad River Canoe, Dept. CN, P.O. Box 610, Mad River Green, Waitsfield, Vermont 05673 U.S.A.

EASY-TO-READ TILT INDICATOR -- Sailboat owners and offroad hobbyists can monitor the exact degree of tilt with "Lev-O-Gage." This easily mounted, adhesive-backed tilt gauge and inclinometer features white numerals engraved on a handsome black background. A nonmagnetic brass ball rides in special all-temperature damping fluid in a bright, chartreuse indicator tube. The device is 9 cm wide and comes in an offroad-recreational vehicle package or in a sailing package. The price ranges from $2.94 to $3.33. WRITE: Bryan Cross, Vice Pres., Sun Company, Inc., Dept.CN, 11413 W. 48th Ave., Wheat Ridge, Colorado 80033 U.S.A.

LIGHTWEIGHT SAILBOARD IS EASY TO MANEUVER -- The lightweight "MKE Sailboard" is described as stable and easy to maneuver. Its ABS/foam combination provides superior flotation, and its design ensures symmetry and hull thickness uniformity, the manufacturer states. Durable and UV-resistant, it is designed to assure high performance in all wind conditions and easy maintenance. WRITE: Peter B. Moran, Pres., Recreational Prod. Div., M K Engineering, Inc. Dept. CN, Moscariello Pl., Ely Industrial Park, S. Norwalk, Connecticut 06854 U.S.A. Telex: 96-5992.

IRONS FOR HIGH, CONSISTENT SHOTS -- Agents and distributors are sought for this firm's "Radial Irons." These golf clubs are designed for cleaner, easier take-aways for golfers everywhere. They feature a four-way cambered sole for easier play from downhill, uphill, and sidehill lies. A low center of gravity and longer blade helps get the ball up and out of tight lies, the company states. The price ranges between $54 and $73. WRITE: Marc Bryant, Dir., Intl. Development, Pathfinder International, Inc., Golf and Tennis Equipment Div., Dept. CN, 200 Park Ave., Ste. 303, New York, New York 10166 U.S.A. Telex: 64-6745 WUPUBTCX WHP. Cable: PATHFIND.

ELECTRONIC INDOOR GOLF GAME -- "Golfomat" is a full-scale golf simulator which enables any number of golfers to play their choice of famous 18-hole golf courses indoors. Players use a full set of regulation golf clubs, hit free-flying golf balls, and swing with all the force and finesse required outdoors, the firm states. Every hole on each course has been photographed in color in 9.14-m increments to within 1.5 m of the cup. The sensation of outdoor golf is made possible by a microprocessor-controlled computer. The company seeks distributors and direct-sale customers for this $14,950 product. WRITE: A.C. Angelos, Pres., Golfomat Corp., Dept. CN, 806 N. Henry St., P.O. Box 1208, Alexandria, Virginia 22313 U.S.A. Telex: 89-470.

LONG-LASTING GOLF CLUBS -- Golfers will be interested in the "Weatherford Golf Club Driver." Made of persimmon wood, its natural hardness has been complemented by a special oil-penetrating process to increase the sweetspot of the club and prolong the life without increasing the club head weight. Inserts used on the club are both fiber and aluminum which are also said to contribute to a quick response off the tee without increasing the weight. The club grip is all-weather rubber-cork composition intended to give a better feel and grip. The face of the club has been designed to help reduce slicing of the ball off the tee. Agents are sought for these golf clubs which are priced from $37 to $40 each. WRITE: Dewayne A. Clustka, API, Dept. CN, P.O. Box 5231, Reno, Nevada 89513 U.S.A. Telex: 910-395-6044 ATTN: API.

HANDCRAFTED, STAINLESS STEEL CLUBS -- Amateur and professional golfers will be interested in the "T. M. Thunderhead" golf club. Designed with a broad compound radial sole, producing a low center of gravity, this club features heel and toe weighting to broaden the sweet spot. The head is made from the investment cast process for precision feel and balance. Agents and distributors are sought for this product which is priced from $17. WRITE: James Rounsavell, Distributor, Mor-Golf, Inc., Dept. CN, 611 E. 44th, Boise, Idaho 83714 U.S.A.

PRECISION-BUILT GOLF CLUB -- The "PowerBilt Citation Golf Club," available in versions for men, women, and juniors, features the "Dynasty Plus" shaft system whereby the flex points and stiffness of each club shaft are individually adjusted to provide desired distance and control. The persimmon woods are made from 100 percent natural persimmon and are weighted behind the hitting zone. The sweet spot is also enhanced with a fiber inset. Irons designed to produce accuracy are also available. Agents and distributors are sought for these golf clubs which range in price from $15 to $95. WRITE: Mike McGrath, Dr. Intl. Mktg., Hillerich & Bradsby F.S.C., Dept. CN, P.O. Box 35700, Louisville, Kentucky 40232 U.S.A. Telex: 75-6396.

MOTORIZED CADDIE PROVIDES HEAVY-DUTY SERVICE -- The lightweight "Kangaroo Motor Gold Caddie" weighs 12.8 kg and can be disassembled in one minute without tools, according to the firm. It is designed to carry the heaviest golf bags around 18 holes and up steep hills on 1 charge of 12-V deep-cycle battery. Described as easy to use and maintain, the motorized caddie is priced from $266 to $352. The company seeks exclusive country agents for import, sales, and service. WRITE: Timothy R. Pope, Export Mktg. Mgr., Kangaroo Products Co., Dept. CN, Box 607, Highway 108 E., Columbus, North Carolina 28722 U.S.A. Telex: 810-694-2025 Att: Kangaroo.

GOLF CLUB DESIGNED FOR ACCURACY -- Golfers of all ages will be interested in "Dynapower II." This golf club features a patented design based on the discovery that club heads rotated at a 45o angle. The club's bulge alignment helps balls hit on heel or toe to return close to the center of the fairway, providing up to 13.7-m improvement in left-to-right dispersion, the manufacturer states. Woods have a deep ebony finish and feature a red fiber insert to illustrate the correct 45o face angle. Thr price ranges from $195 to $265. WRITE: Edward P. Hajec, Customer Service Mgr., Wilson Sporting Goods Co., Dept. CN, 2233 West St., River Grove, Illinois 60171 U.S.A. Telex: 21-0254 WSGI UR.

PRACTICE AID FOR GOLFERS -- Golfers can practice indoors with the "Tee-Off Golf Practice Aid." The device consists of a plastic golf ball suspended by nylon cord from a steel rod bent at a right angle and bolted onto a platform. The outdoor version features spikes that anchor in the ground. When hit, the ball spins around the arm, its path of rotation indicating if the hit was straight, a hook, or a slice. For use with woods or irons, the unit tees itself, eliminating ball chasing. The price is $19.95 for the indoor, outdoor version and $12.95 for the outdoor version alone. Replacement balls are available at low cost. Agents are sought. WRITE: C.D. Moffatt, TEE-OFF Co., Dept. CN, 5610 Flagstone St., Long Beach, California 90808 U.S.A.

COMPUTERIZED INDOOR GOLF MACHINE -- Using high-technology sensors, a solid-state computer, and an optical projection system, "Par-T-Golf" creates a lifelike simulation of an actual outdoor golfing experience. Using regulation balls and clubs, the player drives the ball into the screen, which displays the appropriate view of the hole as if the user were playing on the actual course. The computer determines the distance hit and the distance remaining to the flag and selects the next picture. It stores the names of players, their scores, and the complete rules of golf. Agents are sought for this system, which costs from $30,000 to $35,000. WRITE: Melodie Jones, Mktg. Dir., Intrade Ltd., Dept. CN, 1399 S. Seventh St. E., Salt Lake City, Utah 84105 U.S.A. Telex: 38-9477. Cable: INTRADE.

ADJUSTABLE GOLF CAP -- Made of blended poly-cotton material for comfort, the "Style 44DE Derby Cap" features matching braided cord and a seamless high front designed to accommodate embroidered logos of all sizes. Fully adjustable, the cap comes in 12 colors and is available with direct embroidered logos, stock emblems, custom emblems, and military gold braid. The firm's best selling cap, this model can be used by members and visitors to golf clubs and courses. WRITE: Pam Maze, Sales, Derby Cap Mfg. Co., Inc., Dept. CN, P.O. Box 34220, 700 W. Main St., Louisville, Kentucky 40232 U.S.A. Telex: 29-7507 DERBY CAP UR.

PRACTICE AID IMPROVES PUTTING STROKE -- The "Strokee" automatically corrects a golfer's putting stroke without changing grip, stance, or technique. Described as inexpensive and easy to use, the device is designed to slide straight when properly stroked. According to the firm, it has received top professional endorsements, including acclaim in "Golf Magazine." Agents and distributors are sought for this product, which is priced from $3 to $4. WRITE: Clay Judice, Pres., Strokee Enterprises, Dept. CN, 145 Scott St., Lafayette, Louisiana 70506 U.S.A.

HIGH-QUALITY, LIGHTWEIGHT GOLF CLUB -- The "Microlite System FX-15" is a set of lightweight golf clubs designed for effective play by both professionals and amateurs. Although light, these clubs will function in thick grass, heavy roughs, and sand traps, according to the firm. The "Microlite System" is made with an extra light shaft that has a 20-g reduction of head weight. This feature is said to produce more energy in the head. Built with "Golf Pride XPC" grips for extra power and control, each set comes in a C-5 swing weight for men. Models for women may be purchased in a C-3 swing weight. A set, which includes three woods and nine irons, sells for $350. Graphite woods are optional. The firm is seeking agents. WRITE: Lin Fisher, Pres., Foxbat, Inc., Dept. CN, 15105 Surveyor Blvd., Dallas, Texas 75244 U.S.A.

MULTISPORT TIMER WITH PRINTOUT -- The "Compusport CC727" is a multisport timer for finish line timing of events with up to nine lanes, such as track, cross-country, and road running. It calculates and prints lane number, place within lane, overall place, time to 1/100 second and split times. Portable and lightweight, the sturdy metal timer has a built-in carrying handle which also serves as a stand. Its electronic components are said to be high-quality, state-of-the art and can be integrated with a computer. The battery-operated timer also incoporates a liquid crystal display to indicate running time, a battery life indicator, and prestart time capability. The company is seeking agents and distributors for this product which costs from $1,650 to $1,865. WRITE: Nancy Blankman, Dir. of Mktg., Chronomix Corp., Dept. CN, 650-F Vaqueros Ave., Sunnyvale, California 94086 U.S.A.

CUSTOM-BUILT CUE STICKS -- The "Meucci Cue" is said to offer a distinct wood-to-wood joint for greater compression and expulsion of energy. The softer resilient ferrule reduces the incidence of miscues by generating fewer shocks that cause deflection and by providing longer tip contact with the ball. Custom-built for pool, billiards, and snooker, the cues have attractive inlay design features. According to the firm, they are used by 70 percent of the best U.S. players. Agents and distributors are sought worldwide for this product which is priced from $100 to $2,000. WRITE: Robert Meucci, Pres., Meucci Originals, Inc., Dept. CN, 7472 Old Hwy. 78, Olive Branch, Mississippi 38654 U.S.A.

ALL-WEATHER RUNNING TRACK — Designed to provide speed, traction, and endurance, the outdoor "Tufflight Track Surface" withstands wide temperature variations. Created from a combination of liquid and solid rubber, the surface provides maximum acceleration for World Class times, while its resiliency helps reduce training and competition injuries, the firm states. Non-fading color is manufactured into the surface. The price ranges from $100,000 to $250,000. WRITE: Rodney Hughes, Operations Mgr., Tufflight Tack Corp., Dept. CN, 9319 E. Harry, Ste. 110, Wichita, Kansas 67207 U.S.A.

AUTOMATED UNIT CLEANS AND POLISHES BOWLING BALLS — The "DBA Ballmaster II" is an automatic bowling ball and shoe sole cleaning machine that thoroughly, yet non-abrasively, cleans rubber, plastic, and polyurethane balls. It features an illuminated display panel which lights during the 90-sec cleaning operation and provides customers with suggestions to improve their game. Proprietors can use the display for advertising. The simple drop-slot coin mechanism can be ordered to accept any coin used in today's world markets, the firm states. Designed to increase profits at bowling centers, the machine is priced from $1,315 to $3,250. WRITE: Remo Picchietti, Jr., Intl. Mktg. Rep., DBA Products Co., Inc., Dept. CN, 22 Skokie Highway, Lake Bluff, Illinois 60044 U.S.A. Telex: 910-651-3686. Cable: PRODCO.

COMPACT UNIT SHARPENS ICE SKATES — The "Ice Skate Sharpener" is designed to simplify precision, high-quality sharpening of hockey and figure skates. It mounts on any bench or table, and at 17 kg is transportable. The skate carriage, riding without friction on a hardened and ground guide rod, incorporates convenient height adjustments, guaranteeing edge squareness, according to the firm. A micro-adjuster for the diamond is said to simplify wheel dressing and ensure superb surface finishes. Groove radius settings are precisely calibrated, and optional features include profiling capability. The price ranges from $1,200 to $1,400. WRITE: Sidney Broadbent, Pres., Iceskate Conditioning Eqpt. Co., Dept. CN, 5265 W. Quarles Dr., Littleton, Colorado 80123 U.S.A.

MACHINE CUTS PLUGS IN BOWLING BALLS — Bowling lanes and bowling pro shops can use the "Gebhardt Bowling Ball Plug Trimmer," said to make plug cutting an easy task. Powered by a heavy-duty motor made in the U.S. with a clear, thick-gauge plexiglass base, the device allows both finger and thumb plugs to be cut down at the same time. The unit's carbide-tipped cutting bit provides for easy adjustment for close tolerances, and the base allows easy sight of plugs. Features also include an attachment for vacuum hose for clean operation. The price is $335. WRITE: Fred Krommes, Pres., Gebhardt Bowling Supply Co., Dept. CN, Airport Rd. & E. Tremont St., P.O. Bos 2222, Allentown, Pennsylvania 18001 U.S.A.

ENERGY EFFICIENT ICE RINK SYSTEM — The "Rinkmaster 'DLR' Ice Rink System" is a total ice rink package which includes the rink floor, refrigeration, waste heat reclamation, dehumidifier, dash boards and accessories. The DLR (Direct Liquid Refrigeration) System is said to be more efficient by circulating refrigerant directly in the rink floor. Users report 44 to 60 percent less energy usage compared to indirect refrigeration systems. Construction costs are lowered by the use of factory-tested components, continuous steel tubing in floor construction, and by the company assuming total responsibility for coordinating, installing and guaranteeing the ice rink. The company reports that the system is faster to install and less susceptible to floor problems than competitive facilities, and that it also offers fast control of ice temperature. The price of the system ranges from $150,000 to $170,000. WRITE: James Becker, Sales Mgr., Holmsten Ice Rinks, Inc., Dept. CN,1802 Como Ave., St. Paul, Minnesota 55108 U.S.A. Telex: 29-8415.

BICYCLE HELMET COMBINES SAFETY AND COMFORT — Biking enthusiasts will be interested in the "Eliminator II," a 644-g bicycle helmet, which the company claims is the lightest full face bicycle helmet on the market today. The polyethylene shell has vented ear holes for coolness and improved hearing, a nylon chin strap with "D" retaining ring for added safety, and a washable, two-stage interchangeable liner for comfort and safety. The "Eliminator II" is available in red, white, blue, and black. Distributors are sought for this helmet that sells for $50. WRITE: Barry Buske, Dir. of sales, Pro-Tec, Inc., Dept. CN, P.O. Box 4189, Bellevue, Washington 98009 U.S.A.

STABLE, HARDWOOD BILLIARD TABLE — The "Murrey 6400 Series Billiard Table" is made of the finest hand-selected hardwood. It features massive mainframe assembly, diamond ground slate, zinc die cast chrome-plated castings, trim and leg levelers, and a spreader bar to insure stability. The billiard tables in this series sell for approximately $1,500 and are available in three sizes: 1.68 x 2.67 m; 1.6 x 2.89 m; and 1.75 x 3.2 m. Agents are sought for this product. WRITE: Patrick W. Murrey, Sales Mgr., Murrey & Sons Co., Inc., Dept. CN, 14150 S. Figueroa St., Los Angeles, California 90061 U.S.A. Telex: 68-6128.

PERMANENT, ACCURATE BOWLING LANE — The "Pathfinder Lane and Barrier Plate System," made with an aluminum alloy base and simulated maple surface, will last indefinitely, according to the firm. Maintenance costs are substantially reduced, because the lane requires no resurfacing or coating. This lane, which is said to be the most accurate on the market, is also termite-proof, resistant to humidity, and carries a 6-year warranty. Another advantage is the 50 percent reduction in freight and installation costs, compared to wood lanes. The "Pathfinder," which is patented, is recommended for existing bowling lane establishments and new construction. WRITE: Gordon W. Murrey, Sr., Pres., Murrey International, Dept. CN, 407 W. Rosecrans Ave., Gardena, California 90248 U.S.A. Telex: 58-6128. Cable: BOWBING.

INFLATABLE RECREATION UNIT -- Recommended for use in parks and carnivals of all kinds, "Pillow Pzazz" is said to provide entertainment and exercise while producing revenue. Designed for minimum repair and maximum safety, the unit's open-top pillows feature two-piece construction which eliminates stress points that can cause premature damage. For added safety, the system features internal air chamber construction designed to prevent "bottoming out." The limited entrance size and transparent nylon net windows afford the operator complete visibility. Priced at $5,000 each, units are available in several sizes, complete with tie-downs and blowers. WRITE: June M. Hardin, Mgr., Wapello Fabrications Co., Inc., Dept. CN, 210 N. Second St., P.O. Box 126, Wapello, Iowa 52653 U.S.A.

ATTRACTIVE AND PROFITABLE AMUSEMENT RIDE -- The "Kiddie Speed Racer" is a coin-operated ride that can generate profit in amusement parks, arcades, schools, supermarkets or other public places. It attracts children with its classic design, then amuses them with a ride that helps develop their motor skills and imagination. Made of heavy-duty metal and fiberglass, the durable "Speed Racer" also features integrated sound which simulates the noise of a real motorcycle. This ride is available in brilliant colors with a one-year warranty on moving parts for $1,500. WRITE: Eric Torres, Pres., Kiddies Manufacturing, Inc., Dept. CN, P.O. Box 29154, 65th Infantry Station, Rio Piedras, Puerto Rico 00929 U.S.A.

ANTI-PICKPOCKET WALLET -- The "Treksaf Wallet" is designed for hikers, travellers, or anyone who desires to keep valuables safe. It is comfortable to wear suspended around the neck at chest level or slung under the arm. For theft protection, it can be worn beneath clothing. Internal and external pockets are securely closed with Velcro fastening, and the various pockets can carry coins, currency, passports, keys, flashlights, pens or transportation tickets. The wallet is manufactured in a variety of colors in a lightweight nylon packcloth. It is priced from $6 to $8. WRITE: Mitchell L. WerBell IV, Pres., Brigade Quartermasters, Ltd., Dept. CN, 266 Roswell St., Marietta, Georgia 30060 U.S.A. Telex: 54-2461.

PORTABLE OUTDOOR BARBEQUE GRILL CONVERTS TO SMOKER -- The "Big Can-Do Barbeque Grill" can be used by campers and backyard cooks. It is uniquely designed to resemble a popular beverage can and is completely self-contained so there is never a worry about assembly. The barbeque is constructed of sheet steel, internally insulated to extend the life of the external finish. It contains twin 20.32- x 31.75-cm grills for 1,300 cm2 of cooking space. Top vents direct the air flow. The barbeque can be converted to a smoker by removing the top grill and closing the unit. The "Big Can-Do Barbeque Grill" is designed to use relatively few charcoal briquettes and sells for $9. WRITE: Fred J. Erickson, Pres., Ehco, Inc., Dept. CN, P.O. Box 1555, 901 E. Nevada, Marshalltown, Iowa 50158 U.S.A.

DURABLE DRY LINE MARKER FOR SPORTING EVENTS -- The "All-Star" is a four-wheel institutional-quality dry line marker for use by athletic teams, park departments, schools, and construction companies. It is constructed of rust-resistant galvanized steel and cast aluminum parts for durability. It has a ratchet drive system for easy mobility even when full of marking material. The "All-Star" produces lines 2.08 and 10.16 cm wide and has instant fingertip shut-off. Agents and distributors are sought for this product which is priced between $109 and $120. WRITE: Steve Hara, White Line Markers Co., Dept. CN, 11222 La Cienega, Ste. #675, Inglewood, California 90304 U.S.A.

HAND CONDITIONERS IN DISPLAY BOX -- This firm's "Great Grip Center" is a new sports merchandiser that contains four types of hand conditioners for bowlers, golfers, and tennis players. This counter-top display case is a complete self-merchandising package that includes two dozen of the firm's Rosin Bags, one dozen packets of "Dry-Grip Hand Conditioner," one dozen packets of "Sur-Dri Hand Conditioner," and two dozen jars of "Non-Slip." Individual items may be ordered for refill in one-dozen lots. The package costs $40. WRITE: Gen. Mgr., Pro-Grip/Claro Products Div., Dept. CN, 2501 S. Jefferson, St. Louis, Missouri 63104 U.S.A. Telex: 910-651-3686. Cable: PRODCO.

PERMANENT COVER PROTECTS CAMERA LENS -- The "Fastcap" is a patented, spring-activated camera lens cover that attaches to the lens permanently. Described as attractive and practical, it is designed to protect the lens from dust, dirt, moisture and sudden impact without getting lost or misplaced. The camera lens cover comes in 10 sizes, from 43 to 72 mm, and is available for wide angle lenses. Distributors and licensees are sought for this $2.50 product. WRITE: Brad Heckerman, Dir. of Mktg., Butler Creek Corp., Dept. CN, P.O. Box GG, 1005 W. Broadway, Jackson, Wyoming 83001 U.S.A.

DURABLE SUNGLASSES FOR ATHLETES -- Designed for use in action sports as well as leisure activities, "Bucci Big Cat" sunglasses are described as upgraded modifications of the traditional "cat eyes" style. These safe, durable sunglasses incorporate sleek nylon frames and lenses that are said to offer superior visual clarity. They are available in a range of colors to complement new action sportswear and leisure wear.

WRITE: Janice Bucci, Exec. vice Pres., Sales, Bucci Sunglasses, Inc., Dept. CN, P.O. Box 66888, Scotts Valley, California 95066 U.S.A.

ICE CHEST ALSO SERVES AS A SEAT — The 15.5-liter "Gott Ice Chest" keeps food and drinks clean and cool and also has a flat hinged lid that makes it usable as a seat. Its tough outer plastic shell prevents dents and scratches while the foam insulation inside is said to be the thickest of any cooler of its size. Other features include a large handle and a 3-year guarantee. Agents are sought for this product which sells for $25. WRITE: Robert Goss, Intl. Mkt. Mgr., Gott Corp., Dept. CN, 1616 Wheat Rd., Winfield, Kansas 67156 U.S.A. Telex: 43-7166.

STRONG ATHLETIC TAPE FOR POST-INJURY SUPPORT — "Pro-Tect Athletic Trainer's Tape" is a high-quality athletic training tape for use by athletes, trainers, and coaches. It features a 100 percent bleached cotton backcloth with a zinc oxide-based natural rubber adhesive to reduce skin irritation and provide high tensile strength. Its "Consta-Tension" unwind provides a consistent unwind tension. Agents are sought for this product which is priced from $35 to $45 per case. WRITE: Walter P. Nugent, Sales & Mkt. Mgr., Arrowhead Athletics, Dept. CN, P.O. Box 264, Andover St., Ballardvale Station, Massachusetts 01810 U.S.A.

NON-BLEEDING SCREEN PRINT INK FOR ATHLETIC WEAR — Manufacturers of athletic clothing will be interested in "Wilflex Plastisol Screen Printing Ink," which, the company says, has superior non-bleeding characteristics and is the easiest to screen of all the screen print inks on the market. It is widely used for imprinting athletic uniforms, T-shirts, sweatsuits, and a variety of textiles. The ink comes in a full range of colors for screening on any type of fabric and gives more imprint per liter than other inks, according to the company, which is seeking agents and distributors for this product. The price ranges from $15 to $40/3.8-liter container. WRITE: Don B. Pettry, Sr. Vice Pres., Flexible Products Co., Dept. CN, P.O. Box 3190, Marietta, Georgia 30061 U.S.A. Telex: 80-4670.

BEESWAX PROTECTS LEATHER — Hunters, fishers, hikers, and campers can preserve and waterproof leather footwear with "Sno-Seal." This beeswax formula is said to allow leather to breathe naturally without damaging threads, glued seams, or welts used in footwear construction. Recommended for outdoor boots and workshoes, gloves, saddles, and all leather goods, the product also reconditions old dried-out leather. Agents are sought for "Sno-Seal," available in 226-g cans and 90-g tubes priced at $16.80/doz. Tubes on blister cards can be printed in any language. WRITE: Kurt von Besser, Pres., ATSKO, Inc., Dept. CN, 2530 Russell SE., Orangeburg, South Carolina 29115 U.S.A.

IRON-ON APPLIQUES FOR UNIFORMS AND SPORTSWEAR — This firm's "Iron-on Appliques" are available in a variety of sports motifs, including patches for tennis, baseball, golf, soccer, sailing, and U.S. football. Guaranteed to bond permanently, the appliques are washable, colorfast, and cleanable. They come in eye-catching blister packaging for wall and rotating counter display racks. Information about the sports appliques as well as the firm's various novelty products and military accessories is available from the manufacturer. WRITE: Ed Denmark, Pres., Best Emblem & Insignia Co., Dept. CN, 636 Broadway, New York City, New York 10012 U.S.A. Telex: 12-6332.

WEIGHTED FITNESS GLOVE PROVIDES FLEXIBILITY — The "Bollinger Weighted Fitness Glove" allows the user the develop upper body tone while jogging, dancing, enjoying aerobics, or practicing other sports. Its open finger design is said to have an advantage over similar products by providing free usage and breathing for the hands. Each glove contains two 224-g adjustable and removable weights that fit in the palm and back of the hand. The firm is seeking agents for this product which sells for $9.20. WRITE: Hyman Stansky, Export Mgr., Bollinger Industries, Dept. CN, 222 W. Airport Freeway, Irving, Texas 75062 U.S.A. Telex: 371-8938 LENNY SLSA.

PROTECTIVE EYEWEAR — Anyone who is active in sports may be interested in "Gargoyles Eyewear," said to offer 80 percent more protection than other kinds of sports sunglasses. This eyewear is made of molded polycarbonate material formed into a wrap-back design giving the ultimate protection from ultraviolet light, wind, and flying objects, according to the firm. Distributors are sought for this product, which is priced from $20.50 to $25.50 each. WRITE: Russel R. Remington, Dir. of Mktg., Gargoyles, Inc., Dept. CN, 11108 Northrup Way, Bellevue, Washington 98004 U.S.A.

HEAD AND WRIST BANDS HELP KEEP ATHLETES COOL — The "Cool Band," made for the head or wrist, incorporates a specially designed and patented gel pack which stays frozen up to an hour during use. This product was designed especially for athletes and active people engaged in activities such as tennis, jogging, racquetball, biking, fishing, and gardening. It can also be used as an aid in relieving headache pain and may be applied to a strained or pulled muscle to reduce swelling. The "Cool Band" is refreezable and washable and costs from $7 to $9. WRITE: Colleen B. Ryan, Sales Coordinator, Perma Frost, Inc., Dept. CN, P.O. Box 698, Mandeville, Louisiana 70448 U.S.A.

EXERCISE BELT FOR WAISTLINE — The "Solar Velcro Belt" is designed to trim the waistline while applying moist heat to the lower back to prevent muscle strain. Made with stretchable nylon, it fits around the waist and is adjustable to any waist measurement from 61 to 106 cm. The belt, which can be worn by athletes or anyone else, is also equipped with Velcro closure for easy adjustment. The firm is seeking agents and distributors for this product, which is available in full color packaging for $5. WRITE: Hyman Stansky, Export Mgr., Bollinger Industries, Dept. CN, 222 W. Airport Freeway, Irving, Texas 75062 U.S.A. Telex: 371-8938 LENNY SLSA.

COMBINATION SWEATBAND AND SUNVISOR -- The "Staco Visor" consists of a durable plastic bill and removable terry cloth headband. The machine-washable headbands are made of 100 percent natural stretch cotton and are available in 12 colors. One size fits all. The plastic bill, designed to accommodate a company logo or message, can be used continuously while the headbands are washed or replaced. Agents, distributors, and licensees are sought for this product which is priced from $2 to $3. WRITE: Stanley D. Cohen, Pres., Staco Enterprises, Inc., P.O. Box 12511, Overland Park, Kansas 66212 U.S.A.

RUST PREVENTATIVE FOR SPORTING EQUIPMENT -- "Rust Guardit" is designed primarily for rust prevention of firearms, tools, fishing tackle, bicycles, marine accessories, and other metal items during long-term storage. It dries to a tough waxy coating within 30 seconds and is said to be the only fast-drying spray wax rust preventative on the market. It has a good film thickness, offers excellent abrasion resistance, provides excellent adhesion, and is easy to apply and remove. "Rust Guardit" is not a lubricant or penetrant, but it is compatible with all lubricants. It does not contain silicone or Teflon and will not crack, peel, evaporate, or cake. The 284-g spray container is priced from $2.23 to $2.97. Distributors and agents are sought for this product. WRITE: Leland Schwab, Pres., Schwab Industries, Inc., Dept. CN, P.O. Box 1269, Sequim, Washington 98382 U.S.A.

CUSTOMIZED, EMBROIDERED SPORT SOCKS -- "Soyad Sport Socks" can be custom ordered and embroidered with a name or symbol for use by athletic teams and schools. The company says they are the only customized manufacturer of sports socks to produce in small quantities. These durable socks sell for $5 to $25/doz. Agents are sought. WRITE: George Soyad, Soyad Brothers Textile Corp., Dept. CN, 11714 E. Nine Mile Rd., Warren, Michigan 48089 U.S.A.

EYEWEAR RETAINER FOR ACTIVE PEOPLE -- The "Croakies" frame retainer is described as a lightweight, comfortable, and attractive way to secure glasses during athletic activity. Flexible, portable, and washable, the retainer is recommended for work, play, or anytime glasses should stay in place. This patented product easily adjusts to fit all sizes, from children to adults. The price is from $1.25 to $1.50. WRITE: Bill Werlin, Dir. of Mktg. & Sales, Life Link International, Dept. CN, 1240 Huff Lane, Jackson Hole, Wyoming 83001 U.S.A. Telex: 46-701. Cable: LIFE CI.

TREADMILL PROMOTES FITNESS INDOORS -- Built for dependability and durability, the "Trotter Treadmill" is said to add flexibility to any fitness program. The motorized machine allows the user to walk, jog, and run in the comfort of home or office at any time of day. Features include spacious running deck, compact size, and quiet operation. Recommended for individual exercise enthusiasts, corporate fitness programs, and rehabilitation clinics, this machine is priced from $1,695 FOB. WRITE: David Primeau, Sales & Mktg. Mgr., Trotter Treadmills, Inc., Dept. CN, 24 Hopedale St., Hopedale, Massachusetts 01747 U.S.A

COMPUTERIZED EXERCISE BIKE -- The "Lifecycle #5000" allows the user, while pedaling, to generate the power to operate its computerized functions. A digital display panel provides a constant readout of exercise functions while the unit duplicates the stress of an actual bicycle ride over hills and through valleys. Rides can be programmed over varying distances, at slow, medium or high speeds, while the display shows calorie expenditures at all times. Aerobic fitness levels can be determined at all times and training adjusted accordingly. Priced at $1,500, this device is recommended for rehabilitation or general fitness training. WRITE: George Otott, Natl. Sales Mgr., Bally Fitness Products Corp., Dept. CN, 10 Thomas Rd., Irvine, California 92714 U.S.A. Telex: 29-8893 LIFE UR.

PORTABLE OBSERVATION TOWER -- Game hunters, bird watchers, and operators of swimming facilities will be interested in the "Hunting Stand/Observation Tower," a portable tower made of thin-wall steel tubing. This easily-transported, lightweight tower can be erected or taken down in less than 5 minutes. An all-weather, height-adjustable seat swivels 360 degrees. A cage and a canvas windbreaker are optional. The tower is available in 3.65-, 4.26- and 5.18-m heights. It may be used as a lifeguard stand, an observation tower for officials, or as a support for antenna and other communications equipment. Agents and distributors are sought for this observation tower which is priced from $175 to $250. WRITE: Dr. Robert Ingram Powell, Pres. and Gen. Mgr., World Enterprises U.S.A., Dept. CN. 8900 Manzanita Dr., Alta Loma, California 91701 U.S.A. Telex: 14-0481 WEUSA.

ANKLE HOLSTER -- Hikers, hunters or any gunowner who carries a hand weapon on the ankle will be interested in the comfort and security of the "Comfortlock Ankle Holster." With the help of the support tab, the holster locks the firearm to the leg at two points and is suitable for small or large automatics and some revolvers. The holster is made from top grain cowhide with silicone-impregnated brushed interior, has 7.62-cm wide elastic bands, Velcro fasteners and is hand finished. The price of this product is $35, and agents and distributors are sought. WRITE: Audra Seldeen, Secretary, Leathersmiths, Dept. CN, 222 Ramona Place, Camarillo, California 93010 U.S.A.

RUGGED FIELD KNIFE HAS MANY USES — Hunters, campers, and divers will be interested in the "Buck Master," a multipurpose field knife with a 19-cm blade made of high-grade carbon stainless steel. The back of the blade serves as an emergency wood or metal saw, and the serrated clip cuts through rope. The handle features a hammer cap containing a compass, and the hollow shaft, which can carry liquids, is stoppered by a leak-proof 0-ring sealed cap. The $78.50 price includes a sheath made of high-impact material. WRITE: Marge Staples, Sales Admin., Buck Knives, Inc., Dept. CN, 1900 Weld Blvd. P.O. Box 1267, El Cajon, California 92022 U.S.A. Telex: 910-331-1182.

HIGH PERFORMANCE FROM SINGLE-ACTION FLY REEL — The strong, yet light, single-action "Valentine Fly Reel" is the first single-action reel to be included in the Valentine line. It offers an adjustable drag, changeable spools, and is hand-assembled with screws, not rivets, for easy disassembly. The reel is available in five sizes from 7.62 to 10.16 cm in diameter and is priced from $20 to $45. Agents and distributors are sought. WRITE: A.P. Jarvis, Vice Pres., Hanseatic Trading Co., Dept. CN, 5910 Otley Drive, Alexandria, Virginia 22310 U.S.A. Telex: 499-7742.

ADJUSTABLE ATHLETIC FIELD LINER -- Schools, colleges and park and recreation departments will be interested in the "Genie '50' Field Liner," a top grade, four-wheel athletic field liner with 23 kg capacity. It is made of heavy gauge metal, has 20-cm metal wheels with diamond tread tires, and comes with self-cleaning expulsion blades. The line width and flow control are adjustable. The price of this 18 kg field liner is $110. WRITE: Gene Henshaw, Gen. Mgr., Stackhouse Athletic Equipment, Dept. CN, P.O. Box 12276, Salem, Oregon 97309 U.S.A.

BASKETBALL FOR WOMEN AND JUNIOR PLAYERS — Female and junior basketball players will be interested in the "MacGregor X10L-2," a 72.39-cm basketball said to offer consistent flight, rebound, and reaction. Made with molded narrow channel seams and deep pebble-grain finish with tanned-in "touch," the ball is designed to provide maximum fingertip control and dependable performance. It has a premium grade full-grain leather cover and sells for $30. Agents are sought. WRITE: Marc Swinnen, Vice Pres., MacGregor Sporting Goods, Inc., Dept. CN, 25 E. Union Ave., East Rutherford, New Jersey 07073 U.S.A. Telex: 685-3415. Cable: SUPERKUSA.

NEW ALL-WEATHER BASKETBALL -- Designed for indoor and outdoor use on all surfaces, the "64-7100 Basketball" features a wide channel seam, deep pebble- grain cover and molded butyl bladder and valve. Of official size and weight, the ball comes deflated and includes an inflation needle. Agents are sought for this product, which is described as durable and versatile. WRITE: Marc Swinnen, Vice Pres., Seamco Super K, Dept. CN, 25 E. Union Ave., East Rutherford, New Jersey 07073 U.S.A. Telex: 64-2639. Cable: SUPERKUSA.

LYCRA SWIMSUIT FOR MEN -- Styled for active men, this firm's Lycra swimsuit is designed for maximum sun, freedom, and comfort. Recommended for surfers and windsurfers, waterskiers, and lap swimmers, this fast-drying suit is said to combine fashion and function. According to the firm, it is as comfortable as underwear and fits well under wetsuits. The price is $7.25. WRITE: Lawrence R. Logan, Boo Sportswear, Dept. CN, P.O. Box 285, Cayucos, California 93430 U.S.A. Telex: U.S.A.

FAST-ACTING SWIMMING POOL CLEANING AID -- "Aquaskim" is a non-toxic chemical that is described as being highly effective for the rapid cleaning of leaves, pet hairs, scum, insects and miscellaneous debris from the water surface of swimming pools, spas, hot tubs, and fountains. According to the company, this patented product is easy to apply, uses no electricity and works by virtue of the spontaneous spreading action that is inherent in the chemical nature of the product. A few drops of this chemical are said to cause floating debris to be pushed and compacted immediately in desired locations for easy clean-up. "Aquaskim" is packaged in a 29.57 ml plastic drop-dispensing bottle and sells for $9.95. Distributors are sought for this product. WRITE: Dr. Richard Levy, Dir., Insect and Aquatic Management Systems, Inc., Dept. CN, P.O. Box 06313, Fort Myers, Florida 33906 U.S.A.

AFFORDABLE, SAFE MINI-BOAT — Boating enthusiasts and marine dealers will be interested in the "Aqua Lark," a compact, economical mini-boat that provides fun and safety. The boat measures 2.48 x 1.27 m. A variety of engine selections (engine not included) may provide speeds from low speed cruising to high speeds suitable for water skiing. The "Aqua Lark" weighs 87.75 kg and comes with outboard transom mounting plate, marine carpeting, rack and pinion steering, kill switch, and padded double folding seat. All the mini-boats that the company manufactures come with white hulls and are available in a choice of eight different colors for top surfaces.. The company is seeking dealers and distributors for these boats which are priced from $1,135 to $2,920. WRITE: Bernard J. Calza, Pres., Zamco Midwest, Inc., Dept. CN, 16233 Wausau Ave., South Holland, Illinois 60473 U.S.A. Cable: 60473

QUALITY CRAFTED INFLATABLE BOAT — The "Voyager 260D Deluxe Four Person Dinghy" is a high quality, durable inflatable boat made from polyvinyl chloride (PVC). This four-person boat measures 2.69 x 1.52 m and can be used for fishing, cruising, river camping, backpacking and rowing. It has an optional motor mount that accepts a motor sized up to 1/2 HP. Other features include two sets of swivel oar locks, four separate air chambers, front handle, all-around safety line and Boston valves in the two main hull chambers. Other models are also available, and custom orders for special logos and color combinations are processed quickly, according to the company. The inflatable boats range in price from $16 to $300. Agents and distributors are sought. WRITE: Sonny Carter, Vice Pres., USA Inflatables, Inc., Dept. CN, P.O. Box 153, 2725 West 5th North St., Summerville, South Carolina 29483 U.S.A. Telex: 80-5225.

NETTING KEEPS GOLF BALLS IN BOUNDS -- The installation of "Ball Barrier" around golf courses, driving ranges, and baseball fields will save time, labor and money. This polypropylene netting goes up three times faster than wire because of its 7.6-m widths and lighter weight. Described as easy to handle, strong and durable, it will not rust or mildew, which saves maintenance expense. Distributors are sought for this material, which is priced at $.15/.09 m2. WRITE: William Spisak, Sales Mgr., J.A. Cissel Mfg. Co., Inc., Dept. CN, P.O. Box 339, Farmingdale, New Jersey 07727 U.S.A. Telex: 75-1723 Century.

LIGHT, STIFF AND DURABLE BICYCLE BRAKE -- The "Scott Superbrake" is described as stiffer, lighter, neater and more compact than existing caliper bicycle brakes. It fits a wider range of bicycles, is several times more durable, has a larger brake pad surface, and has much less sponge or lost motion than other brakes, according top the company. Other features include larger pivot bearing area for longer wear, replaceable synthetic bearings and shorter cable routing. Agents are sought for this product which sells for $100/set. WRITE: Edward Scott, Pres., Scott/Mathauser Corp., Dept. CN, Box 1333, Sun Valley, Idaho 83353 U.S.A.

LAND AND WATER ATHLETIC SANDALS -- Originally created for hiking near water and for boating, the "ALP Athletic Sandal" is engineered to stay securely on the foot even while the wearer is running on land or in water. The sandals feature a stable heel and are durable and comfortable for such additional activities as dancing, martial arts, fishing, weight lifting and white water rafting. The binding allows flexure of the foot without slack. The sandals come in men's and women's sizes (U.S.) 5 to 13 1/2 and in 2 widths -- Narrow-to-Medium, and Wide. The company is seeking agents and distributors for these sandals which are priced at $44.95/pair. WRITE: Kenneth Young, Dir., ALP Athletic Sandals, Dept. CN, 244 N. Hwy. 10e, Encinitas, California 92024 U.S.A.

WINDSHIELD PROTECTS CYCLISTS -- The "Silhouette Fairing Concept II" features a balanced airflow design that reduces fairing drag and turbulence, a unique mounting nose cap that fits any style motorcycle, and an improved four-point quick-release mounting system. The unit's Pop-Lok mounting has both upper and lower quick-release mounting blocks for break-away safety and ease of installation and removal. The hardware mounts on either the mirrors or handlebars of the motorcycle and the windshield is available in clear or tinted material. The price ranges from $71.62 to $77.02. WRITE: William D. Shields, Pres., Product Design Corp., Dept CN, 1000 Industrial Dr., Martinsville, Indiana 46151 U.S.A.

ADJUSTABLE BINOCULAR STRAP -- Hikers and birdwatchers will be interested in the "Bino Strap," a new binocular strap designed for active outdoor use. Made of Neoprene, the strap is fully adjustable, lightweight, and strong, according to the firm. Also described as attractive and comfortable, it is available in an assortment of colors and is priced from $4.50 to $5.50. WRITE: Brad Heckerman, Dir. of Mktg., Butler Creek Corp., Dept. CN, P.O. Box GG, 1055 W. Broadway, Jackson, Wyoming 83001 U.S.A.

CAMERA STRAP -- Sports and recreational photographers will be interested in the "Op/Tech Fashion Strap," described as the most comfortable camera strap on the market. Fully adjustable, lightweight and strong, it is made of Neoprene and comes in a rainbow of colors. Recommended for the active photographer, this camera strap is priced from $4.50 to $5.50. WRITE: Brad Heckerman, Dir. of Mktg., Butler Creek Corp., Dept. CN, P.O. Box GG, 1055 W. Broadway, Jackson, Wyoming 83001 U.S.A.

GLOVES ENHANCE GRIP FOR ATHLETES -- "Pro Hands" are described as breathable, yet warm, all-sport gloves that stretch to form-fit hands. They feature tiny rubberized palm dots for superior grip and are recommended for soccer, cycling, baseball, cross-country skiing, weight lifting, racket sports, and golf. Worn by professional football teams in the U.S., these gloves are machine washable and cost $3.20/pair. Private labeling is available. Representatives and distributors are sought. WRITE: John Manzella, Export Mgr., Manzella Productions, c/o Leone Import Export Co., Dept. CN, P.O. Box 117, Buffalo, New York 14226 U.S.A. Cable: LEONEIMEXP.

TURNKEY AMUSEMENT PARK -- Owners of amusement parks, as well as investors who want to build new parks, will be interested in this firm's complete turnkey amusement park. The offer includes feasibility study, layout, design, development, equipment selection, construction supervision, and operations and management training. It is a complete package which assures owners a profitable operational park designed for the needs of their market, according to the company, which also seeks agents capable of presenting the package to investors. The price ranges from $5 to $25 million. WRITE: S. Robb, Export Sales Coordinator, Eyerly Aircraft Co., Dept. CN, P.O. Box 14276, Portland, Oregon 97214 U.S.A. Telex: 36-0384. Cable: EXPORT.

SHOE INSERTS ABSORB SHOCK, PREVENT INJURY -- Runners, tennis players, soccer players, bicyclists, or any athlete will be interested in the "Sorbothane Sport Sole," made from an elastic polymer that helps prevent injury to legs, feet, and back. The company says that this product has the ability to absorb up to 94 percent of impact energy associated with running and twisting, and it also reduces heel strike shock. Other sorbothane products from this company include knee and elbow pads, soccer shin guards, bike gloves and bicycle seat cushions. Distributors and agents are sought. WRITE: K. B. Leighton, Mgr., Spectrum Sports, Inc., Dept. CN, 2069 Midway Dr., Twinsburg, Ohio 44087 U.S.A.

NON-TOXIC ATHLETIC FIELD LINER -- Designed for lining nearly all types of athletic fields, "Rosco Pro Line" contains no lime, is non-toxic and non-pollutant. The company says that the unique protein mixed vinyl offers high adhesion and flexibility, cleans up faster than acrylic or latex paints, and will not clog equipment. Some member organizations of the U.S. National Football League use "Rosco Pro Line" for high visibility on the field and on television. White and all-custom matched logo colors are available in 18.93-liter containers. WRITE: Kenneth J. Mullins, Pres., K. J. Enterprises, Inc., Dept. CN, 297 Lafayette Rd., Hampton, New Hampshire 03842 U.S.A.

DEVICE CONTROLS BOWLING MACHINES AUTOMATICALLY -- Operators of bowling alleys will be interested in this firm's "Bowling Machine Energy Saver," designed to save electrical energy and reduce the cost of operation. When plugged into the bowling machine, this unit is said to reduce the demand charges and reduce the motor running temperature by approximately 20 percent. It automatically controls the pinsetter, shutting down during inactive bowling periods. The company claims that the "Bowling Machine Energy Saver" is the only unit on the market that contains a "power factor corrector" that reduces amperage and increases motor efficiency. In addition, it prevents motors from short cycling. The firm is actively seeking agents and distributors for this unit which is priced at approximately $200. WRITE: Howard Moskowitz, Vice Pres., Mktg., Kilo-Watt-ch Dog, Inc., Dept. CN, 73 Wortman Ave., Brooklyn, New York 11207 U.S.A.

LIQUID COATING PROTECTS SKIS -- "Skee Glaize" has a unique chemical composition said to provide an extra hard, smooth surface on any ski. Designed to increase speed and performance and to protect skiis from minor abrasions, this concentrated liquid is easily applied. One 59-ml bottle will last the entire season, the firm states. This coating is said to work well in all snow conditions, regardless of temperature, and to withstand two to five times as much skiing abuse as conventional waxes. Agents are sought. WRITE: David Skusa, Pres., Skee Glaize, Dept. CN, 447 E. School St., Owatonna, Minnesota 55060 U.S.A.

DURABLE BALL FOR FIELD HOCKEY AND CRICKET -- This firm's composition "Field Hockey Ball," also used for cricket, has the characteristics of a quality leather ball, the manufacturer states. It is easy to clean and lasts longer than leather without abrasion or cracking. The bounce is specially controlled for use on turf and grass. Agents and distributors are sought for this ball, which is priced at $3.50 each or $30/doz. WRITE: A. W. Chaudhry, Pres., American Sports, Inc., Dept. CN, 22 Longview Dr., Thornton, Pennsylvania 19373 U.S.A.

DURABLE TENNIS STRING -- Made by a new irradiation process that changes the molecular structure and enhances playing characteristics, "Gamma Gut XL" was rated number one for playability and durability in 1984 by members of the U.S. and Canadian Racquet Stringers Associations, the firm states. One of eight different "Gamma Gut" strings, this product costs $4.74. Agents and distributors are sought worldwide. WRITE: Ray Harrington, Vice Pres., Sport Tenex International, Inc., Dept. CN, 2908 McKelvey Rd., Pittsburgh, Pennsylvania 15221 U.S.A. Telex: 35-0405.

FILM MAKES WINDOW GLASS STRONGER AND SAFER -- "Armorcoat Security Film" makes ordinary office, car and residence windows over 300 times stronger, according to the company, protecting against smash-and-grab burglary, thrown objects, bomb blasts, vandalism, flying glass, earthquake, and fire damage. This is a thin non-distorting polyester film applied to the inside of window glass with a special adhesive. The company guarantees the film for five years against chipping, peeling, or yellowing, and says it does not cause distortion. The price ranges from $3 to $4/.09 m2. Agents and distributors are desired. WRITE: Hal Rasmussen, Dir. of Mktg., RGL Lumber & Trading Co., Ltd., Dept. CN, 354 S. Spring St., Ste. 305, Los Angeles, California 90013 U.S.A. Telex: 19-4634.

RELIABLE MINIATURE SIREN -- The blow-out-proof "Unitrol Siren" is designed to supply superior warning with instant-on operation of seven siren functions and a new electronic air horn. Used on motorcycles, boats, cars, and trucks, the easily installed, trouble-free unit can include automatic switching for warning lights, floodlights, and other accessories. The price ranges from $190 to $600. Agents are sought. WRITE: Don Needham, Vice Pres., Mktg., Dunbar-Nunn Corp., Dept. CN, 1108 Raymond Way, Anaheim, California 92801 U.S.A.

ROBOT TRAINS TABLE TENNIS PLAYERS — Used at the U.S. Table Tennis Association Olympic Training Facility, the remote controlled "RIII Loop TT Robot" features a patented ball-throwing system for uninterrupted play and a throwing mechanism capable of shots ranging from hard chops to sidespin and loop. Priced from $480 to $645, this machine has top ball speeds of 96,5 k/h with up to 2 balls/sec and a lifetime warranty on all motors. Customer and distributor inquiries are welcome. WRITE: Victor B. Abramson, Export Mgr., SITCO TT Robots, Dept. CN, P.O. Box 20456, Portland, Oregon 97220 U.S.A. Telex: 20-0479. Target: [4] [5] [8].

EASY-TO-USE BALL SEALER — The "Ball Doctor" instantly seals leaks and punctures in all valve-inflated balls. The user simply inserts the syringe in the ball, depresses the plunger, and pumps up the pressure. This product retails for $1.98 and is also available in containers of 3.8 liters. Agents and distributors are sought. WRITE: Vivian Niksich, Export Mgr., Unique Sports Products, Inc., Dept. CN, 840 McFarland Rd., Alpharetta, Georgia 30201 U.S.A. Telex: 54-2756 SCHENKERS, Attn: UNIQUE.

ATTRACTIVE SPORTS JACKET — This firm's "Varsity Jacket" has a 100 percent nylon satin body with 2 satin chest stripes; nylon knit collar, cuffs, and waistband; 2 front pockets; and color coordinated snaps. Available with a light kasha or quilted lining, this jacket can be custom designed for any organization or school. The firm seeks agents and distributors and is interested in possible licensees. WRITE: John Porreca, Office Mgr., Speedline Athletic Wear, Dept. CN, P.O. Box 2498, Tampa, Florida 33601 U.S.A. Telex: 52657 OLIVA TPA.

EFFICIENT UNIT PRODUCES LURES — Lightweight and easy to use, the "Thompson TackleMaker" is designed to produce professional quality lures by the hundreds. Recommended for personal use or sport shop in-house manufacturing, the machine features a high speed wire winding device and is capable of duplicating most types of winds. The firm seeks distributors for this $60 machine which can be used in a variety of wire bending applications. WRITE: Steven De Lay, Vice Pres., Intl. Operations, D. H. Thompson, Inc., Dept. CN, 11 N. Union St., Elgin, Illinois 60120 U.S.A.

STRETCH GLOVES FOR SWIMMERS — Water sports participants can use "Power Stroke Swimgloves" to aid their movement through the water. Swimmers can increase their hand stroke thrust, and surfers are said to obtain additional paddle power when wearing these gloves, which feature stretch nylon/lycra mesh fingers, abrasion-resistant palms, and a wrist strap. Distributors and licensees are sought for these $10 gloves. WRITE: Jonathan Kemp, Power Stroke, Dept. CN, 95081 Jerrys Flat Rd., Gold Beach, Oregon 97444 U.S.A. Target: [2] [3]

TRANSPARENT CASE HOLDS CARTRIDGES — Individuals using Remington auto and pump centerfire rifles for hunting or target shooting can use the "Eagle" to hold their cartridges. The magazine, priced from $8.95 to $13.18, comes in five versions and holds either five or ten rounds. Distributors are sought for this transparent, lightweight, impact-resistant product. WRITE: Dale E. Dieringer, Pres., Eagle International, Inc., Dept. CN, 7849 N. Wadsworth Blvd., #150, Arvada, Colorado 80003 U.S.A. Target: [2] [7] [8]

COMPACT CLIP SECURES SKIIS — Skiis and poles can be kept together in one package with the "Trog!" This $4.20 ski carrier secures poles and skiis to a folding plastic bracket by means of rubber loops. It can be used with all car-top carriers, requires no disassembly, and can be kept in the skier's pocket when not in use. Agents are sought. WRITE: Michael D. Gainey, Pres., Spectrum One, Dept. CN, 2620 Del Monte, Reno, Nevada 89511 U.S.A. Target: [1] [2] [8]

ICE SUBSTITUTE FOR SKATING RINKS — After simple preparation, this synthetic surface can be used for indoor and outdoor ice-skating as well as for other sports, entertainment, and exhibit activity. "New Ice" is easy to install, has no energy requirements, and is said to be the first proven substitute for refrigerated ice in skating rinks. Distributors and agents are sought for this product, which costs from $15 to $20/.09m2. WRITE: Robert L. Pease, Pres., U.S. Trade & Mktg. Services, Ltd., Dept. CN, Ste. 303 E., 200 Park Ave., New York, New York 10166 U.S.A. Telex: 88-1279. Cable: UST RADESER.

SLINGSHOT TOSSES WATER BALLOON — Designed for boating or beach recreation and for target competitions, the "Winger Water Balloon Slingshot" can fling a water balloon up to 91 m. Made of black latex tubing, it features soft cell rubber hand grips and a nylon pouch with a red handle. The slingshot retails for about $30, including balloons, filler attachment, tubing kit, and carrying sack. The product should be used with caution and judgment, as the balloons leave the slingshot at speeds near 380 km/h. Agents are sought. WRITE: J. Scott Nintzel, Pres., Winger Sports, Ltd., Dept. CN, 2167 Buhl Ave., N. St. Paul, Minnesota 55109 U.S.A.

Textile machinery and equipment

HOLLOW SPINDLE TWISTING MACHINE — The compact, simple "Super-Loop Novelty Yarn Twister" is designed to produce a wide variety of loop, single-wrap, and double-wrap yarns used in knit, woven, or tufted home furnishings and apparel fabrics. Available in side-feed with loop/no loop and double-wrap options, this machine costs between $8,000 and $20,000. WRITE: Nathan Schwartz, Pres., Techniservice Division Textured Yarn Co., Inc., Dept. CN, 738 W. Cypress St., P.O. Drawer P, Kennett Square, Pennsylvania 19348 U.S.A. Telex: 83-5488.

DUST AND WASTE EXTRACTION SYSTEM -- Used with carding, blowroom, combing, spinning, and chute feeding equipment, "Card-A-Vac" helps control dust and waste in yarn production. It is designed to accommodate high volumes of air and waste in compact filter arrangements, allowing for increased production, better yarn quality, and cleaner working conditions. Agents and distributors are sought for this $5,000 system. WRITE: R. B. Jenkins, Pres., Jenkins International Sales, Ltd., Dept. CN, P.O. Box 2089, 936 N. Marietta St., Gastonia, North Carolina 28054 U.S.A. TWX: 810-638-2797. Target: [1] [6]

TWISTING MACHINE -- The "Century 100 Twister" comes equipped with the "Airstop Spindle" and "Rizer Roll Assembly" to provide individual stop motions for each spindle and each feed roll. The unit also features vari-speed drives for rapid speed changes, independent gearing on each side of the frame, anti-friction bearings, two lines of under-rolls, and ball bearing pillow blocks. Agents and distributors are sought for this machine, which costs from $20,000 to $80,000. WRITE; H. Nelson Collins, Pres., Collins Brothers Machine Co., Dept. CN, 700 School St., Pawtucket, Rhode Island 02860 U.S.A. Telex: 92-9441. Target: [4] [5] [8]

SPINNING CRADLES -- This firm's cradles are made for spinning and roving in widths from 25 to 69 mm and can be used on most spinning frames using a double apron system. The design of the cradle keeps the apron aligned with the bottom steel rolls, which helps in making even yarn. WRITE: Luther W. Cranford, Vice Pres., Progressive Equipment Inc., Dept. CN, P.O. Box 397, 3117 Industrial Dr., Simpsonville, South Carolina 29681 U.S.A.

DURABLE HARNESS CORDS -- Used on shuttle or shuttleless looms, this firm's "Harness Cord" consists of airplane cable material with various end fittings for different types of weaving machines. Each strong, adjustable one-piece cord is custom made. Samples or specifications should accompany inquiries. Agents and distributors are sought. WRITE: Caroline Stewart, Export Mgr., Louis P. Batson, Inc., Dept. CN, P.O. Box 3978, Greenville, South Carolina 29608 U.S.A. Telex: 21-6918. Target: [2] [8]

TWIN DISC TIRES -- Used on the newest high-speed open end spinning equipment, this firm's "Twin Disc Drive Tires" are made of polyurethane that allows spindle speeds of up to 100,000 rpm without separation of the urethane from the aluminum hub. The firm states that parts are precision machined to better than OEM tolerances and can be manufactured to both 63 and 70 mm diameter. The price ranges from $4 to $5. Agents and distributors are sought. WRITE: Roger L. Broyles, Gen. Mgr., Fiber Services, Inc., Dept. CN, P.O. Box 182, Greenville, South Carolina 29602 U.S.A. TWX: 810-281-2220

RUGGED WARPING MACHINE -- Built for easy operation and low maintenance, the "ME-1 Warper" features spindle drive, pneumatic brakes, and digital controls. Continuous production monitoring and programmable drive also help insure increased quality, productivity, and profits, according to the firm, which prices this machine between $65,000 and $85,000. Agents and distributors are sought. WRITE: Ed Conte, Mgr., Intl. Div., McCoy-Ellison, Inc., Dept. CN, P.O. Box 967, Monroe, North Carolina 28110 U.S.A. TWX: 810-649-1350.

HIGH-SPEED RIB CUFF MACHINE -- Described as simple to operate and economically priced, this firm's "Rib Cuff Machine" is available in diameters of 10.2 to 17.8 cm (4 to 7 in). It offers a variety of pattern and stripe capability and has a gauge range of 1.5 through 10 needles/2.54 cm (1 in). Agents are sought for this high-speed, high-production machine, which is priced between $9,000 and $10,000. WRITE: Alan Gorse, Gen. Mgr., Tompkins Brothers Co., Inc., Dept. CN, 623 Oneida St., Syracuse, New York 13202 U.S.A. Telex: 93-7349.

SPOOLER WINDS NARROW FABRICS -- This firm's "Spooler" winds tape, elastic, rope, ribbon, braid, and any material put on spools. It features 1/2 hp d.c. drive with dynamic braking and panel speed selection control with zero to maximum setting controlled by foot pedal. Traverse length and lay are easily adjusted without tools, and measuring units are in yards or meters. Priced at $4,000, this device is capable of winding from one to eight packages, depending on sizes. WRITE: George G. Gil, Pres., Chase Machine Co., Inc., Dept. CN, 1372 Main St., W. Warwick, Rhode Island 02893 U.S.A.

RAPID CIRCULAR KNITTING -- Designed for the manufacture of single knit cloth such as fleece, terry, and pile fabrics, this firm's "Knitting Machine" offers the user the unique capability to change the size of the cylinder and needle gauge. This 76.2-cm (30-in) multipurpose machine runs 50 rpm and has a speed factor of 1,500. Agents are sought for this unit, which costs from $25,000 to $40,000. WRITE: Alan Gorse, Gen. Sales Mgr., Tompkins Brothers Co., Inc., Dept. CN, 623 Oneida St., Syracuse, New York 13202 U.S.A. Telex: 03-7349.

TUFTING MACHINE FOR CARPET PRODUCTION -- In an 8-hour production shift, the "Super Southern Tufting Machine" can produce 1,672.2 m2 of tufted carpet. The machine makes both loop pile, cut-pile and cut and loop constructions as well as various types of patterns for residential and commercial use. Designed for high speed tufting and ease of maintenance, this machine is priced from $50,000 to $500,000. WRITE: Steven L. Frost, Exec. Vice Pres., Tuftco Corp., Dept. CN, P.O. Box 3009, 2318 Holtzclaw Ave., Chattanooga, Tennessee 37404 U.S.A. Telex: 55-8434.

VERSATILE BLOCKER -- Available in vertical or horizontal position, 40.64, 60.96, and 76.2 cm (16, 24, and 30 in) diameter, the $3,000 "Blocker" for narrow widths has a capacity up to 20.32 cm (8in). Standard features include 1/2 hp d.c. drive with dynamic braking, variable speed with panel and foot pedal control, and a simple lever action that removes the block. Available options include an electric clutch and brake for pulling material back and a prefeed attachment for tension-free package. WRITE: George G. Gil, Pres., Chase Machine Co., Inc., Dept. CN, 1372 Main St., W. Warwick, Rhode Island 02893 U.S.A.

PROFILE DENTS FOR WEAVING MACHINES -- Designed for use in high-tech air jet weaving machines, this firm's "Profile Dents" are made to customer specifications. Available in different grades of stainless steel, depending on the fabric, the automatically set dents are said to outperform other models. The firm seeks agents and distributors for its weaving machine accessories and will export to countries using tunnel or profile reeds. WRITE: E. T. Young, Vice Pres., Ellison Co., Inc., Ellison Pioneer Div., Dept. CN, P.O. Box 10586, Atlanta, Georgia 30310 U.S.A. Telex: 54-2136.

HANDWEAVING FLOOR LOOM -- Designed to provide extra weaving width, this firm's 114.3-cm "Jack Style Floor Loom" features a folding rear beam and removable warp and cloth beams that make warping the loom from front or rear a simple task. Parallel lamms facilitate tying, and a friction brake ensures smooth, easy warp advancement. Set-up and use are simple, and the firm can supply instructions and books to help beginners. Dealer inquiries are sought for this $1,000 loom. WRITE: Barry Schact, Vice Pres., Schacht Spindle Co., Inc., Dept. CN, P.O. Box 2157, Boulder, Colorado 80306 U.S.A.

MACHINE GUIDES FABRIC -- The "Tandematic Guiding Machine" automatically spreads and centers fabric from a relaxed condition without the use of tension. The firm's patented method allows the machine to make large lateral corrections easily without distorting the fabric. Features include compensation for slack selvedges in fabric and opening and removal of wrinkles during control. The price ranges from $10,000 to $20,000. WRITE: George Lark, Vice Pres., Tandematic, Dept. CN, Rt. 1, Box 501, Spartanburg, South Carolina 29302 U.S.A. TWX: 810-282-2560.

DURABLE FELTING NEEDLE -- This firm's felting needle features the "Foster Formed Barb," which carries and interlocks the fibers during the stroke of the needle and the penetration of the fiber web. Manufactured so that only rounded surfaces engage the fibers, the barb eliminates sharp or jagged edges. Priced from $15 to $100/thousand, the needles are designed for long wear and reduced fiber damage. Agents and distributors are sought. WRITE: Edson P. Foster, Jr., Foster Needle Co., Inc., Dept. CN, P.O. Box 527, 409 S. 29th St., Manitowoc, Wisconsin 54220 U.S.A. Telex: 26-9615. Target: [4] [6] [8]

DEVICE UNCURLS FABRIC EDGE -- The "Tandematic Selvedge Decurler" removes edge fold or curl from fabric with a patented method that uses no moving parts, air, or electricity. Easy to install, operate, and service, it decurls effectively whether the curl is vertical or horizontal or the fabric wet or dry. Used with a wide range of fabrics in a variety of processes, this product is priced between $550 and $2,500. WRITE: George Lark, Vice Pres., Tandematic, Dept. CN, Rt. 1, Box 501, Spartanburg, South Carolina 29302 U.S.A. TWX: 810-282-2560.

PIECE DYEING MACHINE -- The "Futura" is a versatile high-pressure piece dyeing machine designed to provide top quality dyeings on a wide range of fabrics, including fragile, crush-prone, surface-sensitive, and other hard-to-dye material. The machine's ability to maintain even temperatures throughout the load and its high capacity circulation and heating system allow large loads to be processed in short cycles. WRITE: Joseph C. Coracini, Dir., Intl. Sales, Gaston County Dyeing Machine Co., Dept. CN, P.O. Box 308, Stanley, North Carolina 28164 U.S.A. Telex: 15-4905 GASDY MTHY.

AUTOMATIC PROCESS CONTROL SYSTEM -- Simple to operate, the "MicroMonitor" provides full procedure creation, editing, and storage capabilities, automatic step sequential execution of the procedure, and a constantly updated display of machine status, including process exceptions. Special operator alerts are provided for critical malfunctions, and an optional printer is available. WRITE: Joseph C. Coracini, Dir., Intl. Sales, Gaston County Dyeing Machine Co., Dept. CN, P.O. Box 308, Stanley, North Carolina 28164 U.S.A. Telex: 15-4905 GASDY MTHY.

ECONOMICAL DYESPRINGS -- This firm's highly compressible "EMK Dyesprings" are said to allow up to 50 percent more packages to be put into the dye vessel. They can reduce water consumption by 35 percent or more for large savings on water, waste water treatment, and energy costs, the firm states. Designed to be reused for many years, these stainless steel dyesprings cost from $1.50 to $5. Agents and distributors are sought. WRITE: Carl V. Schmidt, Pres., Schmidt Export Corp., Dept. CN, P.0. Box 2484, Greenville, South Carolina 29602 U.S.A. Telex: 57-0411.

PACKAGE MACHINE DYES YARN -- This firm's versatile "Package Dyeing Machine" is designed to dye yarns of all types, ribbons, tapes, and precompacted stock at temperatures up to 141o C. Liquor ratio is programmable to as low as 3:1, and liquor flow can be one- or two-way. The unit, said to achieve high production and yarn quality, has the capacity to dye densely wound packages with short cycles, and it is designed to allow for unsurpassed water and steam economy. WRITE: Joseph C. Coracini, Dir., Intl. Sales, Gaston County Dyeing Machine Co., Dept. CN, P.0. Box 308, Stanley, North Carolina 28164 U.S.A. Telex: 15-4905 GASDY MTHY.

MACHINE DYES TUBULAR KNIT FABRICS — The "Tube-Tex DyRol" is a specialized two-roll pad for the continuous application of dyestuff on circular knit fabrics in tubular form. Fiber reactive dyes are used for dyeing the cotton in 100 percent cotton fabrics and in cotton-synthetic blends. Fabrics may be in the greige, scoured, or bleached form coming to the machine. The price is $89,000. WRITE: Edward D. Goodman, Dir. of Intl. Sales, Tubular Textile Machinery Corp., Dept. CN, 33-61 54 St., P.0. Box 918, Woodside, New York 11377 U.S.A. Telex: 23-5987 TUBE UR. Cable: TUBETEX NEW YORK.

HEAT PROCESSING OVEN — The "Semi-Contact" is designed to provide uniform heat transfer to fabric during thermosol dyeing or heat setting of woven synthetics and blends. Available in various sizes, widths, and configurations, this versatile, maintenance-free oven features large diameter stainless steel cylinders, economical fuel consumption, and one third fewer bearings to maintain. WRITE: David M. Andrews, Sales Mgr., Aztec Machinery Co., Dept. CN, 960 Jacksonville Rd., P.0. Box 2069, Ivyland, Pennsylvania 18974 U.S.A. Telex: 83-4290.

COMPACT TEXTURIZING MACHINE -- The "Techtex HDC-10 Texturizer" is designed for man-made continuous filament fibers such as polyamid, polyester, and polypropylene. It involves a one-step process that draws, crimps, and air entangles one or more colored or natural extruded continuous filament packages. The denier range is from 250 to 20,000. Offered in one-position increments, this simple, inexpensive texturizer costs from $10,000 to $20,000. WRITE: Nathan Schwartz, Pres., Techniservice Division Textured Yarn Co., Inc., Dept. CN, 738 W. Cypress St., P.0. Drawer P, Kennett Square, Pennsylvania 19348 U.S.A. Telex: 83-5488.

UNIT FOR NAPPING AND RAISING — Featuring hydraulic torque control, the "Hi-Torc Napper" for putting a face effect on fabric is designed to eliminate the need for constant setting adjustment. Available for both tubular and open-width fabrics, the unit is said to assure consistent processing of woven and knits, which are built in widths of 203.2, 228.6, 243.84, 274.32, and 304.8 cm (80, 90, 96, 108, and 120 in) and in 24, 30, or 36 raising roll configurations. WRITE: George W. Johnson, Dir., Intl. Sales, Gessner Co., Dept. CN, 4004G Spring Garden St., Greensboro, North Carolina 27407 U.S.A. Telex: 57-4433.

SCREENPRINTING SYSTEM — Compact and economical, the "Thermo-Vac" combines a rotary textile printer, vacuum table, and infrared dryer in one unit. Durable and lightweight, it can fit through any standard door opening for easy space-saving installation and maintenance. Capable of printing all textile products as well as non-textile products such as bumper stickers and signs, it is available in several sizes and drying capacities. Agents and distributors are sought worldwide for this unit, which costs from $5,000 to $25,000. WRITE: Charles Allen, Sales Mgr., Brian Lyttle, Inc., Dept. CN, P.0. Box 2665, Spartanburg, South Carolina 29304 U.S.A. Telex: 80-9416. TWX: Lyttle. Target: [1] [3] [4] [5] [6] [7] [8]

FABRIC FINISHING UNIT — The "Curved Blade Applicator" is a low wet pick-up fabric finishing unit featuring microprocess controlled precision application of most finishes without specialty chemicals. The finish may be applied to either or both sides of a fabric with independent add-on levels as well as different chemical mixes. Benefits include reduced dryer energy cost, even add-on, reduced chemical usage, ease of operation, and low maintenance. The price ranges from $60,000 to $110,000. WRITE: J. Gary Hinkle, Gen. Sales Mgr., West Point Foundry & Machine Co., Dept. CN, P. 0. Box 151, West Point, Georgia 31833 U.S.A. Telex: 54-0442. Cable: WESTFOUND.

VERSATILE TRANSFER PRESS -- Agents and distributors are sought for this firm's "Transfer Print Machine," which features a heavy-duty front loading reciprocating tray that permits the operator to load the second tray while the first is printing. A two-stage uplift head keeps paper from shifting, reducing chances for ghosting and blurring. Options include automatic trays and analog, instead of standard digital controls. Priced from $15,000 to $30,000, the machine can also be used for fusing. WRITE: Charles Allen, Sales Mgr., Brian Lyttle, Inc., Dept. CN, P.0. Box 2665, Spartanburg, South Carolina 29304 U.S.A. Telex: 80-9416. TWX: Lyttle. Target: [1] [3] [4] [5] [6] [7] [8]

RAPID TEXTILE DYEING MACHINE -- The "Milnor 42026 DYA Dyeing- Extracting Machine" is said to reduce dye cycle time by 50 to 75 percent. Designed to replace conventional paddle wheel or rotary dyeing equipment, this machine is used primarily for hosiery, sweaters, and T-shirts. A single unit scours, bleaches, dyes, and extracts. Dealers and agents are sought for this machine, which has a capacity of 45 kg. WRITE: David W. Adams, Advertising Mgr., Pellerin Milnor Corp., Dept. CN, 700 Jackson St., Kenner, Louisiana 70062 U.S.A. Telex: 46-0124 PELM UI. Cable: PELMILNOR NEW ORLEANS.

SURFACE FINISHING MACHINE -- The "Model 710 Sueding Machine" features variable feed rates and abrasive cylinder rpms for creating an infinite number of finishes. The accurate unit can sand the print from an ordinary sheet of newspaper, the firm states, and suedes both natural and man-made fibers. Agents and distributors are sought for this machine, which is priced from $75,000. WRITE: Bruce T. Anderson, Sales Mgr., Curtin-Hebert Co., Inc., Dept. CN, 5-11 Forest St., Gloversville, New York 12078 U.S.A. TWX: 510-264-1411. Cable: CURTHEB.

RUGGED INDUSTRIAL DRYER -- Described as fast and efficient, the "Challenge Tumbler Dryer" handles loads of 90 and 180 kg. Available control systems include manual, semi-automatic, or fully automated, computer control with automated shuttle loading system. Equipped for gas, oil, or steam heat, the dryer costs from $30,000 to $60,000. Agents and distributors are sought. WRITE: Earl R. Spengler, Vice Pres., Sales, Challenge-Cook Bros., Inc., Dept. CN, P.O. Box 1272, Industry, California 91749 U.S.A. Telex: 472-0138.

AIR-TEXTURING MACHINE -- Effective on all denier ranges and yarns, the "Model EMAD-17" is designed to improve the speed and quality of air-texturing. Large bearings assure long, trouble-free operation, and speed changes are easily and quickly made. Along with bulking yarn capability, this unit is said to offer the most rapid, convenient performance available. The price ranges from $10,000 to $15,000. WRITE: Lorne W. Evans, Pres., Enterprise Machine & Development Corp., Dept. CN, 100 Fernwood Ave., P.O. Box 707, New Castle, Delaware 19720-0707 U.S.A. Telex: 83-5302. Cable: EMADCO.

WARPER WITH DYNAMIC BRAKING -- This firm's packaging "Warper" for narrow fabrics, braids and lace features surface drive for 45.72 x 53.34 cm (18 x 21 in) and 53.34 x 53.34 cm (21 x 21 in) beams. It has 1 hp, d.c. drive with dynamic braking and uses air pressure for even surface contact. Available in "duplex" models with two independent drives, the $18,000 unit can be ordered with the following accessories: chain traverse, tension rollers, measuring unit, and oscillating traverse. WRITE: George G. Gil, Pres., Chase Machine Co., Inc., Dept. CN, 1372 Main St., W. Warwick, Rhode Island 02893 U.S.A.

SUCTION THREAD TRIMMER -- Described as a fast, simple, safe way to trim unwanted thread ends from sewn articles, the "Astro-Trim" uses vacuum and barber-style clippers. After the blade cuts the thread, the system uses suction to find and remove thread ends, which are deposited in a waste receptacle. Designed to increase production, save time, and eliminate scissor damage, this machine costs from $1,800 to $2,500. WRITE: Si Margolis, Exec. Vice Pres., Ginsberg Machine Co., Inc., Dept. CN, 1071 Sixth Ave., New York, New York 10018 U.S.A. Telex: 66-6525. Cable: GINSMACH.

HEAVY-DUTY SHEAR -- The "Model SF Shear" is designed to impart a face effect to a broad range of fabrics. The single-, double-, and multiple-blade units are said to produce a remarkably accurate cut of even height, with greatly increased uniformity and smoothness on high piles, velvets, terry woolens, worsteds, synthetics, and blends, both woven and knitted. The price ranges from $85,000 to $125,000. WRITE: George W. Johnson, Dir., Intl. Sales, Gessner Co., Dept. CN, 4004G Spring Garden St., Greensboro, North Carolina 27407 U.S.A. Telex: 57-4433.

SYSTEM SPREADS CLOTH AUTOMATICALLY -- The interchangeable automatic knife and tuck blade assembly of the "Greyhound Master" allows for automatic face-to-face spreading with and without catchers and automatic face-to-face spreading of all open-width knit and woven materials. Priced from $18,000 to $20,000, the machine features a turntable for directional spreading, positive feed, electric edge control, and solid-state plug-in circuits. WRITE: Marianne Pincheira, Exec. Asst., Cutters Exchange, Inc., Dept. CN, 627 19th Ave. N., P.O. Box 1008, Nashville, Tennessee 37202 U.S.A. Telex: 55-4328. Cable: CUEX.

DURABLE CORDUROY KNIFE - This firm's "Corduroy Knife" is available in three standard cutting edge tapers of 10, 15, and 20 degrees. The grind is perpendicular to the knife's edge and thus remains sharper for a longer period of time, the firm states. Priced from $.35 to $.52, the knives are available for immediate delivery. Agents and distributors are sought. WRITE: Tom Campbell, Plant Mgr., United States Supply Co., Dept. CN, 2651 Bagby Lane, P.O. Box 668945, Charlotte, North Carolina 28266 U.S.A. Telex: 80-2076.

RIBBON PROCESSING MACHINE -- Used in the manufacture of typewriter and computer ribbon, the "SoBrook Circular Knife Fusing Machine" cuts and heat seals synthetics into required widths. The 3-hp, pneumatically controlled unit cuts up to 15.24 m/min of material and can be modified to meet plant specifications. Available in cutting sizes of 130 and 165 cm, it features precision cutting, duplex rewind assembly, and sensitive friction clutches. Agents are sought. WRITE: Joseph P. Volpi, Pres., Volpi & Son

Machine Corp., Dept. CN, 2043 Wellwood Ave., East Farmingdale, New York 11735 U.S.A. Telex: 64-7031. Cable: SOBROOK FDLE.

CONVENIENT BOARDING MACHINE — The "STS 30 Sock Boarding Machine" offers continuous form motion (20 forms/min) and automatic stripping, allowing the operator to concentrate on accurately loading the socks on the forms. Two independently controlled heating zones can be adjusted for optimum use of energy, and both drying and setting are controlled separately. This $25,000 machine is said to offer superior finish and increased production over conventional steam pressure setting machines. WRITE: John H. Longaker, Pres., Paramount Textile Machinery Co., Dept. CN, 2410 Kivett Dr., High Point, North Carolina 27260 U.S.A. Telex: 510-926-1739.

COMPACT STATIC NEUTRALIZER — The "X-Static" is a non-fan static neutralizer which emits positive and negative ions into the contaminated area. The free ions act to discharge high voltage electrostatic potential by increasing the conductivity of the air. This $260 device is recommended for bench assembly work or for processing narrow width web materials. WRITE: Robert E. Callson, Pres., Hydralign, Inc., Dept. CN, 761 Main St., P.0. Box 47, Walpole, Massachusetts 02081-0047 U.S.A.

PURE COPPER DEVICE ELIMINATES STATIC — This firm's 100 percent electrolytic copper "Static Consumer," featuring copper mounting brackets, drains the static charge from the contaminated area and carries it to ground. Easily installed, this device should be placed where it comes in close proximity or light contact with the contaminated area. Agents are sought for this product, described as low cost at $21/box. WRITE: Robert E. Carlson, Pres., Hydralign, Inc., Dept. CN, 761 Main St., P.0. Box 47, Walpole, Massachusetts 02081-0047 U.S.A.

STRAIGHT KNIFE CLOTH CUTTER — The "Excalibur" features a V-belt sharpening system and a powerful 3/4 hp motor which eliminates the need to slow down while cutting tough material or tight curves. The cutter has a center slide drive system that requires no adjustment and a patented automatic closed reservoir oiling system. Available in cutting capacities of 15, 18, 20, and 25 cm, the device costs from $550 to $660. Agents and distributors are sought. WRITE: J. B. Gury Manufacturing Co., Inc., Dept. CN, 10270 Page Industrial Blvd., P.0. Box 21574, St. Louis, Missouri 53132 U.S.A. Telex: 44-2420. Target: [4] [6] [8]

MODULAR HOT OIL HEATER — The "Va-Power Hi-R-Temp Hot Oil Heater" is a completely packaged thermal fluid heater available in sizes from 400,000 to 12 million Btu/h (100,000 to three million kcal/h). Offering efficiencies up to 85 percent, the compact modular unit allows for easy maintenance and component replacement. Agents are sought for this heater, which responds quickly to changing heat loads. It costs between $20,000 and $90,000. WRITE: Harland C. Hirtzel, Mktg. Mgr., Vapor Corp., Dept. CN, 6420 W. Howard St., Chicago, Illinois 60648 U.S.A. Telex: 72-4348.

LABEL IMPRINTING SYSTEM — The "Thermaply Shade Machine Model 270" is designed to mark and sequentially number shade labels and attach them to garment segments by heat and pressure in one quick operation. This unit is said to guarantee the uniformity and attractiveness of the garment. Features include a tilt base, pyrometer temperature indicator, protective hood, and selection of various registers to mark the shade labels. Agents and distributors are sought for this $3,000 machine. WRITE: Robert H. Wilson, Mgr., Export Operations, Soabar, Dept. CN, 7722 Dungan Rd., Philadelphia, Pennsylvania 19111 U.S.A. Telex: 24-4937.

VERSATILE SHEARING MACHINE — The "Merrimack Shear" shears virtually all fabrics with equal ease, the manufacturer states. Designed to operate as a free standing unit, it can be synchronized to work in tandem with other finishing equipment. Computer adaptability is also an option. The price ranges from $65,000 to $85,000. All inquiries are welcome. WRITE: Thomas J. Koledo, Vice Pres., Parks & Woolson Machine Co., Dept. CN, 33 Park St., Springfield, Vermont 05156 U.S.A. Telex: 17-8310 PWAK-UT.

CLOTH SANDING MACHINE — Representing a new, controlled method of cloth sanding, the "Sensi-Touch Sander" uses a variety of grit-covered paper tubes to create appealing fabric finishes. Knits or wovens are fed through a five-cylinder process that results in remarkable differences in texture and appearance, according to the firm, which prices the sander from $60,000 to $70,000. WRITE: George W. Johnson, Dir., Intl. Sales, Gessner Co., Dept. CN, 4004G Spring Garden St., Greensboro, North Carolina 27407 U.S.A. Telex: 57-4433.

CUTTING SYSTEM FOR TUFTING INDUSTRY — The new "Advanced Cutting System II" allows knives to be changed on a bench rather than under the tufting machine. It is designed to give unprecedented carpet surface uniformity with uniform accuracy and levelness of gauge parts. According to the firm, the cutter increases profit potential through reduced downtime, less maintenance, and simplicity of use. WRITE: Harold North, Card-Monroe Corp., Dept. CN, P.0. Box 27, Hixson, Tennessee 37343 U.S.A. Telex: 70-3331.

VERSATILE ROVING CLEANER — The "Combo-Jet Traveling Cleaner" combines all cleaning functions in a single unit for machine cleaning, overhead cleaning, and floor sweeping. Its cleaning and waste storage capacity is sized to allow one cleaner to serve multiple textile processing machines. The unit operates on a special I beam electrified track and filters all cleaning air through a mat of collected fiber. Agents and distributors are sought. WRITE: L. W. Varner, Jr., Vice Pres., Sales & Mktg., Flakt, Inc., Bahnson Div., Dept. CN, 500 Shepherd St., Winston-Salem, North Carolina 27028 U.S.A. Telex: 80-6420.

BRUSHLESS SPINDLE MOTOR -- Manufacturer's respresentatives are actively sought for this firm's "Ultra High-Speed Motor," said to deliver speeds up to 50,000 rpm and power up to 15 hp. This new high-speed capability with complete velocity and torque control at any speed is designed to promote efficient performance in textile machinery. The firm actively seeks manufacturer's representatives. WRITE: Ken Schmanski, Sr. App. Eng., Kollmorgen Industrial Drives, Dept. CN, 201 Rock Rd., Radford, Virginia 24141 U.S.A. TWX: 710-875-3743.

OVERHEAD CLEANER -- The "Bahnson Circulaire Overhead Cleaner" is designed to reduce accumulations of overhead fiber waste, associated fire hazards, and the costs of waste removal. Directly suspended from the ceiling, it features a unique gearing arrangement for rotation and oscillation, said to result in effective fiber waste removal for a full 360o. Each unit is effective for a distance of 10.7 meters, according to the firm, which seeks agents and distributors. The price ranges from $1,640 to $1,726 FOB. WRITE: L. W. Varner, Jr., Vice Pres., Sales & Mktg., Flakt, Inc., Bahnson Div., Dept. CN, 500 Shepherd St., Winston-Salem, North Carolina 27104 U.S.A. Telex: 80-6420.

COST-EFFECTIVE HUMIDIFIER -- The "Bahnson Centrifugal Humidifier" is available in four models for water evaporation of 5.7 to 45.5 kg/h. Used in textile manufacturing and many other industries, it requires no ductwork or auxiliary equipment. Easy to install, the unit is put in operation by adding a water supply, drain, and electrical connection. By atomizing water mechanically, the humidifier provides uniform relative humidity at a low operating cost, according to the firm, which seeks agents and distributors. The price ranges from $828 to $1,549. WRITE: L. W. Varner, Jr., Vice Pres., Sales & Mktg., Flakt, Inc., Bahnson Div., Dept. CN, 500 Shepherd St., Winston-Salem, North Carolina 27104 U.S.A. Telex: 80-6420.

PRECISION SPOOL FOR RUBBER COVERING -- Used primarily for fine denier filament yarns, this firm's "Rubber Covering Spool" is custom fabricated from premium grades of aircraft metals said to yield exceptional strength, lightness, and economy of operation. Priced from $10 to $20, it is designed to operate quietly at elevated speeds. WRITE: R. C. Ratliff, Sales Mgr., Engineered Plastics, Inc., Dept. CN, 211 Chase St., Gibsonville, North Carolina 27249 U.S.A. Telex: 57-4346.

DURABLE SPINNING TUBES -- This firm's durable vacuum resin "Ring Spinning Tubes" are made for all makes of ring spinning frames. The tubes feature grooves, prick-punched metal ferrules at both ends, and color coding to prevent mixed yarns. Perforated tubes with stainless steel ferrules are available for heat setting or steaming yarn. Special impregnations, including lacquered finishes, can be furnished. Agents are sought for these tubes, which are priced from $.30 to $1.50. WRITE: Hans Freytag, Vice Pres., Sales, Textube Corp., Dept. CN, P.O. Box 547, Greer, South Carolina 29652 U.S.A. Telex: 57-0405 U.S.A. Cable: TEXTUBE.

LONG-LASTING ROVING BOBBIN -- Splinter-proof and humidity-proof, this firm's "Roving Bobbin," made from high-impact plastic, is available in different colors to permit positive identification of stock blends. Free samples are available for Platt Saco-Lowell Rovematic frames, 30.48 and 35.56 cm (12 and 14 in) traverse as well as for Whitin Scotsman Roving frames, 2.2 and 2.54 cm (7/8 and 1 in) spindle diameter. Please specify size. Agents are sought for these bobbins, which cost from $.50 to $1. WRITE: Hans Freytag, Vice Pres., Sales, Textube Corp., Dept. CN, P.O. Box 547, Greer, South Carolina 29652 U.S.A. Telex: 57-0405. Cable: TEXTUBE.

REUSABLE PLASTIC CONES -- High-impact formulation and specially designed surface finishes make this firm's "Plastic Cones and Cylinders" suitable for repeated use. Said to be more durable than standard paper cones, these parts come in different colors in order to identify yarn counts and blends. Agents are sought. The price ranges from $.10 to $1.50, and free samples are available. Please specify conicity and dimensions. WRITE: Hans Freytag, Vice Pres., Sales, Textube Corp., Dept. CN, P.O. Box 547, Greer, South Carolina 29652 U.S.A. Telex: 57-0405. Cable: TEXTUBE.

STURDY SHRINKAGE BLANKET -- The "Dunlop Rubber Compressive Shrinking Blanket" offers greater shrinkage capacity, longer life, and less maintenance, the firm states. It is also said to resist chemicals and heat to a greater degree, resulting in a need for less rectification of the rubber surface. Agents and distributors are sought for this product, which costs between $2,940 and $7,739. WRITE: Kathy Edwards, Export Mgr., United States Supply Co., Dept. CN, 2651 Bagby Lane, P.O. Box 668945, Charlotte, North Carolina 28266 U.S.A. Telex: 80-2076.

SPARE PARTS ASSORTMENT -- This firm's precision-manufactured rotors, pin beaters, wire beaters, and twin disc wheels for open-end spinning frames are made to yarn manufacturers' specifications. A unique feature is the capability of balancing these precision, close tolerance, high-speed replacement parts after they are manufactured.

WRITE: Bill Seabrook, Pres., Seabrook, A Div. of Draper Corp., Dept. CN, P.0. Box 2160, Sanford, North Carolina 27330 U.S.A. Telex: 810-283-2023. Target: [4][5]

DURABLE RING TRAVELER — Agents and distributors are sought for this company's steel, nylon, and carnulon ring travelers, available for processing a wide range of yarns. The "Horizontal Ring Traveler" is offered in the conventional C and elliptical style as well as in the firm's "Imperial" style. It is available in "Carter Supreme" and "Miracle" finish for long life and high-speed operation. WRITE: Noel W. Lightsey, Vice Pres., Intl., A. B. Carter, Inc., Dept. CN, P.0. Box 518, Gastonia, North Carolina 28053 U.S.A. Telex: 57-2314. Cable: MEDICO.

RUGGED TEXTILE BEAMS — This firm's "Textile Beams" are engineered and manufactured to strict dimensional and material specifications to operate with all warping, knitting, and weaving machinery. Basic materials used are aluminum and steel, and design features are said to ensure safe operation under maximum yarn load conditions. Agents and distributors are sought for these beams, which are priced from $300 to $2,000. WRITE: Emmitte E. Winslow, Gen. Mgr., Sonoco Products Co., Briggs-Shaffner Div., Dept. CN, 500 Brookstown Ave., P.0. Drawer 10579 Salem Station, Winston-Salem, North Carolina 27108 U.S.A. Telex: 57-3403. Target: [4][6][8]

ALUMINUM TENTER CLIP -- This firm's new "#14 Aluminum Center Pull Tenter Clip" is said to offer the best possible cloth handling capability. Designed to save time and energy, it is lightweight and easily interchangeable and can be purchased with either lubricated or "Nilube" chain and rails. Agents and distributors are sought. WRITE: David M. Gessner, Pres., Winsor & Jerauld Manufacturing Co., A Div. of Gessner Industries, Inc., Dept. CN, 2421 Executive St., P.0. Box 668967, Charlotte, North Carolina 28266 U.S.A. Telex: 57-5275. Target: [4]

HIGH-STRENGTH BOBBIN — The durable "Vyking Bobbin" is used for processing tire cord, carpet yarn, and other twisted yarns. It features molded plastic flanges, an aluminum barrel, and special bearing material to fit spindles. Adaptable to most yarn processing applications, it has a unique construction that allows flanges to be replaced easily. Also available with aluminum and fiber flanges and maple barrel, the bobbin is priced from $10 to $25. WRITE: Robert M. Glenn, Jr., Vice Pres., Mktg., LHP Corp., Dept. CN, P.0. Box 448, 100 N. Leard St., Hartwell, Georgia 30643 U.S.A.

ACCURATE FIBER TESTER — The "HVI 3000 Fiber Information System" rapidly and accurately tests all major properties of cotton and man-made fibers. This simple-to-operate complete unit requires one to three operators and has a maximum test rate of 250 bales/h. All results are recorded automatically by an IBM-PCXT computer and peripherals, and customized software is designed for each end-user. The price of $125,000 includes the computer, installation, training, and a one-year warranty. Agents and distributors are sought. WRITE: Barbara Sheaffer, Pres., Motion Control, Inc., Dept. CN, 2615 Brenner Dr., Dallas, Texas 75220 U.S.A. Telex: 55-0870. Target: [1][2][3][4][5][6][7][8]

ELECTRONIC YARN CLASSIFIER — Designed to increase speed and accuracy, this firm's new "Model 3250PYC Electronic Package Yarn Classifier" automatically determines the weight, diameter, and density of the production package. Units are priced from $10,000 to $20,000 and are available with optional counters for recording. Distributors are sought. WRITE: Thomas Huff, Materials Mgr., J. A. King & Co., Inc., Dept. CN, P.0. Box 21225, Greensboro, North Carolina 27420 U.S.A.

UNIQUE OVEN TESTS TEXTILES — The "Textile Testing Oven" proofs flame retardance, shrinkage, and the fastness of dyes. When the small inner door is opened, a frame securing up to four samples of material slides into a support in the oven. The small door is closed, and the oven temperature rapidly recovers to setpoint. The oven is available in sizes of 438 x 76 mm maximum and 438 x 1,111 mm. The price ranges from $5,000 to $8,000. Agents and distributors are sought. WRITE: T. E. Oelfke, Group Product Mgr., Despatch Industries, Inc., Dept. CN, P. 0. Box 1320, Minneapolis, Minnesota 55440 U.S.A. Telex: 29-0704.

ADAPTABLE POSITION CONTROLLER — This adaptable "Single Axis Positioner" provides precision control of position for any type of servo motor. VFAC induction motors, DC brushless and DC brush-type motors can all be controlled with high accuracy and repeatability. It is easily adaptable to meet unique requirements in programming, I/0, and machine interfacing. The firm actively seeks manufacturer representatives. WRITE: Ken Schmanski, Sr. App. Eng., Kollmorgen Industrial Drives, Dept. CN, 201 Rock Rd., Radford, Virginia 24141 U.S.A. TWX: 710-875-3743.

HANDHELD TACHOMETER — The new, portable "Monarch-Tach" measures rpm by directing an integral light source onto a reflective marker placed on the rotating object and provides a readout on an LED digital display. This non-contact, pistol grip tachometer measures rotational speeds from 50 to 20,000 rpm with an accuracy of +1 rpm. It measures speed from up to .9144 m away and at angles up to 45o from the reflective target. Agents are sought for this $275 tachometer. WRITE: Robert E. Carlson, Pres., Hydralign, Inc., Dept. CN, 761 Main St., P.0. Box 47, Walpole, Massachusetts 02081-0047 U.S.A.

FINISHER CONTROLS KNIT SHRINKAGE — The "Gull-Wing Stabilizer" is designed to control shrinkage in all weights and styles of knits by mechanical compression. This final spreading and finishing process compacts the knit construction without surface or color distortion. Agents and distributors are sought for this $150,000 machine. WRITE: Don Foreman, Vice Pres., Fab-Con Machinery Development Corp., Dept. CN, 75 Channel Dr., Port Washington, New York 11050 U.S.A. Telex: 64-0334. Target: [8]

SYSTEM ANALYZES, RECORDS MOISTURE CONTENT — The "Forte 7585" instantly measures the moisture content of a single cone, dye tube, or skein of yarn or a "grab-sample" of staple. The percentage of moisture is displayed on a visual readout, and a printout shows time, type, product description, weight, percentage of moisture, net conditioned weight, and invoice factor. The noncontacting, nonheating test does not affect the fiber. Agents and distributors are sought for this system, which is priced from $27,000 to $30,000. WRITE: Stanley Breen, Pres., Forte Technology, Inc., Dept. CN, 201 Carnegie Row, Norwood, Massachusetts 02062 U.S.A. TWX: 710-348-0827.

MOISTURE/SOLIDS ANALYZER — Using unique microwave technology, the "AVC-80" measures the percent of moisture and solids in all types of materials, including liquids, solids, and slurries covering a full range of moisture levels. Accurate and simple to operate, the $12,000 analyzer is rapid enough to provide real time data for improved process control. Agents and distributors are sought. WRITE: Judy J. Arey, Vice Pres., Mktg., CEM Corp., Dept. CN, P.O. Box 9, Indian Trail, North Carolina 28079 U.S.A. Telex: 80-2118.

MOISTURE ANALYZER MEASURES ENTIRE BALE — The "Forte 2585" instantly weighs and determines the percentage of moisture, gross weight, and net conditioned weight of an entire bale of fiber or carton of cones. Using no contact or heating, the system measures the bale as it moves down the conveyor. A line of data for each package as well as production summaries by shift and day are printed out. This analyzer is priced from $45,000 to $65,000. WRITE: Stanley Breen, Pres., Forte Technology, Inc., Dept. CN, 201 Carnegie Row, Norwood, Massachusetts 02062 U.S.A. TWX: 710-348-0827.

TWO-STEP FINISH ANALYZER — The "Rothermel Model 7911A Finish Analyzer" weighs a sample on a built-in scale, memorizes the weight for later calculation, and rotates the sample through the measuring system using an infrared sensing device. The percentage of finish is then calculated and printed out. Up to 1,350 samples weighing up to 8 g each can be tested in a 24-h day, according to the firm, which seeks agents for this $50,000 system. WRITE: Avishai Nevel, Vice Pres., Overseas Sales & Mktg., Lawson-Hemphill, Inc., Dept. CN, 96 Hadwin St., Central Falls, Rhode Island 02863 U.S.A. Telex: 92-7725.

TAPE MEASURES ROLLED PRODUCTS — Used for accurate measurement and perpetual inventory control of textiles and any rolled product, this firm's "Paper Measuring Tape" is rolled up with the material. As each roll is used, the tape indicates the exact length of remaining fabric. Available in meters and decimeters, as well as yards and fractions of yards, from 10 to 1,000 yards or meters, the tape costs $.18/100 m. Agents and distributors are sought. WRITE: Andrew C. Bohnengel, Vice Pres., Perfect Measuring Tape Co., Dept. CN, 1116 Summit St., Toledo, Ohio 43604 U.S.A. Telex: 24-1520. Cable: PERFTAPECO.

COST-EFFECTIVE YARN TESTING SYSTEM — This firm's "Textile Yarn Test System" tests and grades the uniformity of bulk and fiber shrinkage simultaneously, rejecting substandard packages according to preset limits. It pinpoints faulty spindle positions and provides a printout of all test data. Priced at $75,000, this versatile, reliable tool permits an external computer data base to be developed to analyze performance by plant, shift, machine, spindle, operator, or feed yarn supplier. Agents are sought. WRITE: Thomas E. Gannon, Export Sales Mgr., Lawson-Hemphill, Inc., Dept. CN, 96 Hadwin St., Central Falls, Rhode Island 02863 U.S.A. Telex: 92-7725.

MOTION CONTROL SYSTEM — This firm's "Brushless DC Servo System" features a reliable, virtually maintenance-free motor for high performance precision motion control. The patented controller provides higher speeds and greater torque than conventional designs, the firm states, as well as precise torque control at all speeds and a complete array of protection features. Manufacturer's representatives are actively sought. WRITE: Ken Schmanski, Sr. App. Eng., Kollmorgen Industrial Drives, Dept. CN, 201 Rock Rd., Radford, Virginia 24141 U.S.A. TWX: 710-875-3743.

MACHINE BIAS CUTS TUBULAR CLOTH — The "Lever 118A Spiral Bias Cutting and Automatic Rolling Unit" spirally cuts on the bias and automatically rolls tubular material withdrawn from the unit's swivel box onto the adustable mandrel. Part of the firm's unique method of producing bias material, the cutter features automatic tension adjustment and costs from $30,000 to $100,000, depending on auxiliary equipment and options. WRITE: William Orr, S.M., Lever Manufacturing Corp., Dept. CN, 150 E. 7th St., Paterson, New Jersey 07524 U.S.A. Telex: 13-0376. Cable: LEBMACHINE.

AUTOMATIC BUTTON FEEDER — The "So-Thru 1000 VQM Button Feeder" automatically feeds and positions most types of flat, dome, or concave sew-through buttons. It quickly mounts and feeds the buttons to the back of the clamp, ejecting the garment and sewn button at the end of the sewing cycle and inserting a new button in one motion.

Requiring no operator training, the $2,100 unit feeds 14 to 24 ligne (9 to 15.5 mm) buttons and rapidly adjusts to feed different sizes. WRITE: Patrick Tighe, Mgr., Speed Feed, Inc., Dept. CN, P.O. Box 647, Seaboard St., Vass, North Carolina 28394 U.S.A.

BLIND STITCH MACHINE OFFERS VERSATILITY -- Recommended to manufacturers of coats, suits, and sportswear, this firm's "Blind Stitch Machine" can be used for hemming where seam binding is used and on raw edge finish. Equipped with a swing-away work plate to facilitate the handling of sleeve openings, it features a narrow cylinder, higher speed, and longer arm clearance. Agents are sought for this machine, which is priced from $850. WRITE: John J. Clavattone, Pres., U.S. Blind Stitch Machine Corp., Dept. CN, 79 Express St., Plainview, New York 11803/CS1730 U.S.A. Telex: 64-5093 BLINDSTH.

FLEXIBLE STAPLE BALING SYSTEM -- The "Port-A-Bin Baler" provides flexible operation without fiber contamination. Especially suited for installation in existing plants, it can include auto wrap, auto strap, or auto wire tying capabilities up to 30 HD bales/h. The number of tramping stations can vary to suit production and line requirements. The price ranges from $200,000 to $1,500,000. WRITE: Phil Wise, Vice Pres., Lummus Intl. Sales Corp., Lummus Industries, Inc., Dept. CN, P.O. Box 1260, 712 10th Ave., Columbus, Georgia 31994 U.S.A. Telex: 54-0433.

HIGH-SPEED CONVEYORIZED SEALING UNIT -- The "All 85" is a high-speed odorless, smokeless conveyorized continuous band and trim sealer for both polyethylene and polypropylene. It operates at speeds up to 2,159 cm/min. The portable unit contains a 30.48-cm wide heavy duty conveyor belt and is available in lengths from 1.5 to 6 m. Designed to assure straight, reliable sealing, without the usual "skirt," the unit is safe and easy to use, according to the firm, which prices it from $3,900 to $18,000. Agents are sought. WRITE: Irving Litt, Vice Pres., Errich International Div. of All Packaging Machinery & Supplies, Dept. CN, 90 13th Ave., Ronkonkoma, New York 11779 U.S.A.

HIGH-SPEED WEAVING MACHINE -- Low-cost and simple to operate, the versatile "J-4000 Air Jet Weaving Machine" is designed for weaving a wide range of cloth for apparel, home furnishings, and industrial use. It produces cloth in widths from 190 to 290 cm and weaves 100 percent cotton or combinations of natural and synthetic fiber blends. The compact machine features easy maintenance and costs from $25,000. WRITE: Brian Balaran, Mgr., Intl. Sales, Draper Corp., Dept. CN, P.O. Box 5498, Spartanburg, South Carolina 29304 U.S.A. Telex: 810-282-2545.

AUTOMATED UNIT PRODUCES TOP SHEETS -- The "Maxi-Combo Ultra II Sheet Manufacturing System" produces eight to ten top sheets/min and can be modified to sew on borders. Easily run by one operator, the $187,250 unit offers high production and simple maintenance. Agents and distributors are sought. WRITE: Abe Freedman, Vice Pres., Mktg., Tex-nology Systems, Inc., Dept. CN, P.O. Box 989, Arden, North Carolina 28704 U.S.A. Telex: 57-7423.

Ventilation, heating, and air conditioning

HEAT EXCHANGER HAS TEFLON LINING -- The "CHX" is a Teflon-lined economizer and scrubber designed to reduce thermal combustion flue gas heat losses ranging from 500o to 115o F. Recovery of both sensible and latent heat energy is transferred to either ambient boiler makeup water or ambient combustion air, or both. The resulting flue gas condensation scrubs particulate emissions from flue gas exhaust. Exposed surfaces of the exchanger and special stack are fabricated from Teflon and fiberglass for complete corrosion protection. Paybacks from the installed equipment, priced from $30,000 to $11,000,000, are normally one year or less, according to the firm. WRITE: Gordon A. MacCarthy, Export Mgr., Condensing Heat Exchanger Corp., Dept. CN, Export Dept., P.O. Box 336, Chagrin Falls, Ohio 44022 U.S.A.

UNIQUE FIRETUBE BOILER STACK HEAT RECLAIMER -- Large commercial buildings, as well as process industries and industrial plants, will be interested in this firm's "Feedwater Heater," an A.S.M.E. pressure vessel designed with low gas side pressure drops, easily removable tubes and side panels. The unit's stainless steel tubes can handle cold or hot feedwater, the firm states. Constructed to recover both sensible and latent heat without damage to the boiler, units are modularly designed for 50 - 1,000-hp boilers. The price ranges from $3,000 to $14,000 and includes transistions. Qualified technical distributors are sought worldwide. WRITE: Rick Brown, Gen. Sales & Export Mgr., Cannon Boiler Works, Inc., Dept. CN, P.O. Box 1, New Kensington, Pennsylvania 15068-0801 U.S.A.

GAS IGNITION SYSTEM ELIMINATES RF INTERFERENCE -- Recommended for residential and commercial space heating equipment, commercial cooking equipment, and domestic and sanitary hot water heating systems, this firm's hot surface silicon carbide ignition system is said to provide safe, dependable, positive ignition and system simplicity. It operates from line voltage, eliminating high voltage problems and r.f. interference. This solid-state gas igniter is a large hot surface ignition source said to be tolerant of extremely hostile environments and usable with all gases. WRITE: Bill

Carberry, Program Mgr., Ignition Sales, The Carborundum Co., Dept. CN, Box 339, Niagara Falls, New York 14302 U.S.A.

PACKAGED ELECTRIC HEATING AND COOLING UNIT -- Residential, commercial, and industrial builders and contractors will be interested in the "PE 3.0-7.2 Ton Packaged Rooftop Unit," described as a low-cost way to heat, cool, and ventilate buildings. The unit is 91.3 cm high, 103.5 cm wide, and 141. 3 cm long, offering a compactness said to save money on shipping. Electric heat can easily be added into the unit during or after installation without changing external wiring (if adequately sized), according to the company. Horizontal supply and return allows use on rooftop with plenum or ground level. WRITE: Steve E. Conner, Intl. Sales Mgr., Square D Co., Dept. CN, 800 E. Kearney, Mesquite, Texas 75149 U.S.A. Telex: 25-5274.

OPEN AND SEMI-HERMETIC AC COMPRESSORS -- Air conditioning equipment owners and servicing contractors will be interested in this firm's air conditioning compressors, said to promote more efficient operation of air conditioning systems. They are available in open and semi-hermetic versions, from 5 to 300 hp. Other components are available from the firm, which also advises on air conditioner parts. WRITE: J. M. Wait, Vice Pres., Servidyne, Inc., Dept. CN, 2120 Marietta Blvd., NW., P.O. Box 93846, Atlanta, Georgia 30377 U.S.A. Telex: 80-4294 Acct U404P779.

THERMAL STORAGE SYSTEM REDUCES ENERGY COSTS -- Building owners and operators will be interested in the "Ice Chiller," a thermal storage unit designed to reduce power costs in air conditioning, refrigeration and process cooling systems by cutting energy usage during peak load times. The unit consists of a tank, continuous serpentine coil, insulation, ice thickness control, air pump and distributor, tank covers, and exterior panels. It is available with capacities from 145 to 1200 ton-hours (62.25 to 45,000 kg of stored ice) and can be used in any thermal storage application where chilled water is employed for comfort or process cooling. WRITE: Ed Higginbottom, Export Mktg. Mgr., Baltimore Aircoil Co., Inc., Dept. CN, P.O. Box 7322, Baltimore, Maryland 21227 U.S.A.

CROSSFLOW COOLING TOWER WITH THERMAL PERFORMANCE -- The "Series 3000 Cooling Tower" is available in 32 standard sizes, with capacities from 186.8 to 1,270 t. Its thermal performance is certified by the Cooling Tower Institute, according to the firm. The unit features galvanized steel construction and the "Baltibond Corrosion Protection System," a polymerized metal described as a cost-effective alternative to stainless steel. Its wet deck surface is Factory Mutual Approved and designed to provide maximum air-to-water contact. WRITE: Ed Higginbottom, Export Mktg. Mgr., Baltimore Aircoil Co., Inc., Dept. CN, P.O. Box 7322, Baltimore, Maryland 21227 U.S.A.

COMPACT ICE MAKER NEEDS NO DRAIN -- Described as versatile and convenient for household and commercial use, the "CM-48A Ice Maker" is free standing and fully automatic. This compact unit is 67.9 cm high, 38 cm wide, and 49.5 cm deep. When recessed, it requires no additional air space or trim strips. It makes up to 11.25 kg or 1,150 cubes/day and stores up to 1,100 cubes, according to the firm, which offers models in a variety of sizes as well as combination ice makers and refrigerators. WRITE: Harlan L. Wilson, Pres., Harmony International Corp., Dept. CN, 6536 28th St. SE., Grand Rapids, Michigan . 49506 U.S.A. Telex: 29-7760 HRMY UR.

LIGHTWEIGHT, HANDHELD SENSOR CALIBRATOR -- The "Hawkeye 100" is a handheld microprocessor-based instrument used in calibrating and monitoring Electronic Systems USA and Honeywell R-to-P (resistance-to-period) transmitters. The heart of this device is an 80C85 microprocessor. Under software control, the microprocessor coordinates and performs timing sequences, scale and offset adjustments, error checking, and mathematical operations for HVAC systems, and provides serial data to the LCD readout. Contractors will be interested in this instrument, designed for use in hospitals, schools, office buildings, airports, and industrial sites. WRITE: Gregory B. Powers, Intl. Sales & Mktg. Mgr., Electronic Systems USA, Inc., Dept. CN, 1014 E. Broadway, Louisville, Kentucky 40204 U.S.A. 910-350-0105 ESUSA.

REFRIGERATED UNIT DISPLAYS, PROTECTS PERISHABLES -- The "Hill Refrigerated Island Merchandiser" is designed to provide a shoparound island for retail food stores. Its 2.43- and 3.6-m lengths can be joined together to make a longer lineup. It is available with or without a glass upper panel, and with shelves that mount on the center section to sell nonrefrigerated items that may be used with the perishable products displayed in the cases. Priced from $3,000 to $5,000, units are available with an integral compressor for connecting to a compressor in a different location. Agents are sought. WRITE: William A. Doyle, Export Sales Mgr., Hill Refrigeration Div., Emhart Store Equipment Group, Dept. CN, 360 Pennington Ave., Box 61, Trenton, New Jersey 08601 U.S.A. Telex: 84-3441.

AIR CONDITIONER CONTROL REDUCES ENERGY USAGE -- Hospitals, banks, and any large building with central air conditioning can use the "Chiller Optimizer," an energy control for air conditioning chiller systems said to save users from 17 to 22 percent of energy consumption, enough to recover the cost within one year. Savings are achieved through temperature reset, soft start-up, soft loading, demand cycling, and air temperature lockout, according to the firm. This device can be used on centrifugal, screw, reciprocating, and absorption systems. Agents and dealers are sought for this product which is priced from $1,500 to $3,000. Write: Robert Childress, Pres., Research Applications, Inc., Dept. CN, 1210 W. Alameda Dr., Ste. 123, Tempe, Arizona 85282 U.S.A.

VERSATILE HYDRONIC VALVE — The "Superior 3-Port Union Flare x C Sweat Valve" is a motorized zone valve designed to control hot water, chilled water or low pressure steam systems. Controlled by a wall or room thermostat, it provides accurate room and area temperature control. The "Superior Valve" is compatible with most low and line voltage thermostats, including electronic digital setback models. It features a fail-safe mode that permits gravity circulation and prevents freeze-ups. All major components are replacable, which eliminates complete valve replacement. The "Superior Valve" is priced from $25.00 to $50.00. WRITE: Mort Heisler, Vice Pres. Intl. Sales, Flair Manufacturing Corp., Dept. CN, 600 Old Willets Path, Hauppauge, New York 11788 Telex: 88-8432.

CHECK VALVE PREVENTS FLOW REVERSAL — The "Val-Matic Wafer Style Silent Check Valve" is a compact device designed for silent operation with low head loss in heating, ventilation, and air conditioning systems. A specially designed spring closes the valve disc before flow reversal, preventing water hammer and damaging shock normally associated with valve shutoff. A tear-drop contour allows streamline flow in the full pipe size area of the inner body, and assures minimal pressure drop. Other features include easily replaceable parts and drop-tight seating. The "Val-Matic" can be installed in any position with flow up or down. It is made of semi-steel with bronze or stainless steel trim and is priced from $75 to $1,240. The firm is seeking agents and distributors. WRITE: Carl W. Smith, Intl. Sales Mgr., Val-Matic Valve & Mfg. Corp., Dept. CN, 8448 W. 45th St., P.O. Box 232, Lyons, Illinois 60534 Telex: 28-1001. Cable VALMATIC.

SPLIT-SYSTEM ROOM AIR CONDITIONERS — "Philco Slimline Room Air Conditioners" can sit on the floor or be mounted high or low on a wall, or even put on the ceiling. The condenser part of the conditioner is separate from the part kept in the room, and can be set outside on the ground, on a balcony, or mounted on a roof. This keeps the motor noise of the appliance outside while it cools the room inside. The cabinets are attractive woodgrains with antique white and brown accents. These conditioners are availabe in 12,000 to 30,000 BTU capacities, 50 to 60 Hz, and 200 to 240-V operation. The price range is from $625 to $900. Agents are desired. WRITE: Frank M. Carter, Dir., Product Planning, Philco International Corp., Dept. CN, 1720 Walton Rd., Blue Bell, Pennsylvania 19422 U.S.A. Telex: 84-6118. Cable: PHILCOINTL.

TURBINE VENTILATOR FOR HOMES, FACTORIES, AND OFFICES — Homeowners can utilize the "Whirlybird" to reduce the temperature in living areas by as much as 5o C, the company states. This turbine ventilator's double ball bearing system is said to turn in winds of less than 4.8k/h and withstand winds of 193k/h. The adjustable base fits virtually any roof angle, and installation can be done by the homeowner in less than one hour, according to the firm, which is seeking companies interested in assembling this product and becoming distributors. The price is $19. WRITE: Ted Belden, Export Mgr., Lomanco, Inc., Dept. CN, P.O. Box 519, Jacksonville, Arkansas 72076 U.S.A. Telex: 31-9850.

ULTRA-COLD REFRIGERATION — The Gibson Series "Series #100 Ultra-Cold Export Model" is a 2-m high upright scientific refrigerator for storing medicines, blood and medical supplies in hospitals, laboratories, pharmacies and medical offices. The model features an alarm system, door latches and locks, 5-cm portholes, solid outer door, 6 inner doors, as pictured, and 5 shelves. It is available in two chilling capacities: -76o C and -82o C, with respective shipping weights of 334 kg and 379 kg. This model comes as 220-240 V/50 Hz, 230-208 V/60 Hz, and 115 V/60 Hz. The company seeks distributors. WRITE: H.K. Menhart, Pres., Gibson Intl. Co., Dept. CN, Gibson Appliance Center, Greenville, Michigan 48838 U.S.A. Telex: 22-6424. Cable: GIBCO.

FURNACE OFFERS CONVENIENT INSTALLATION — Especially designed for convenient installation in garages, attics or crawl spaces in homes, stores, service stations, factories and warehouses, the "Horizontal Suspended SO Series Furnance" requires no utility room. It is available in six BTU input sizes: 105,000, 120,000, 140,000, 175,000, 230,000, and 350,000. Options include hanger rods, filter rack, and filters. The company seeks distributors for this furnace and other models, priced from $400 to $1,000. WRITE: Kenneth J. Dornback, Vice Pres. of Sales, Dornback Furnace & Foundry, Dept. CN, 33220 Lakeland Blvd., Eastlake, Ohio 44094 U.S.A. Telex: 998-0131. Cable: WDMR.

ATTRACTIVE ROOM AIR CONDITIONER — This firm's room air conditioner is available in true 220/240/50 Hz, 115/60 Hz and 230/208/60 Hz. Options include the company's "Air Sweep," which allows motorized vanes to oscillate continously to sweep cool air from wall to wall for draft-free circulation. Units are available from 5,000 to 31,000 BTU with top air or side air discharge in a variety of cabinent styles. Distributors are sought for this product which is priced from $195 to $460. WRITE: H.K. Menhart, Pres., Gibson International Co., Dept. CN, Gibson Appliance Center, Greenville, Michigan 48838 U.S.A. Telex: 22-6424. Cable: GIBCO.

INDOOR AC UNIT FITS MANY APPLICATIONS — Developed for household and commercial use, this firm's "Split System Air Conditioner" can be installed on the floor, wall or ceiling, and can be converted from one application to another. The condensing unit is installed outside, reducing noise level. Priced from $647 to $904, the air conditioner is available in 12,000, 18,000, 24,000 and 30,000 BTU for 220/240 V, 50 Hz operation or 230/208 V, 60 Hz, available with electric heating option. Distributors are sought. WRITE: H.K. Menhart, Pres., Gibson International Co., Dept. CN, Gibson Appliance Center, Greenville, Michigan 48838 U.S.A. Telex: 22-6424. Cable: GIBCO.

PUMP CONNECTORS STOP VIBRATION — This firm's "Style SMP Pump Connectors" are used to prevent damage to pumps caused by piping stress. HVAC mechanical contractors and engineering firms can use them to absorb vibration and noise in pump installations. Flanged, welded, threaded, and sweat fittings are available through 40.6 cm diameter. The price ranges from $25 to $1,000, depending on size. Agents and distributors are sought. WRITE: Richard Eggert, Pres., Flex-Hose Co., Inc., Dept. CN, 120 Leo Ave., P.O. Box 398, Syracuse, New York 13206 U.S.A. Telex: 93-7374.

ENERGY SAVINGS WITH PUMP AND FAN CONTROL — Industrial and commercial operations can benefit from this firm's "Variable Torque A-C V*S Drives," designed to save energy and improve operating efficiency in a wide variety of HVAC applications through electrical adjustable-speed fan and pump control. The drives are rated from 1-1/2 to 500 hp and are said to provide an economical alternative to energy wasting outlet dampers, inlet guide vanes, and slip devices commonly used in VAV systems. Units also reduce costs in variable-rate HVAC pumping applications, according to the firm. The drives are offered as a complete power-matched package, including the controller and the firm's "Duty Master XEEnergy Efficient Motor. WRITE: David C. Sinclair, Electrical Intl. Mktg. Mgr., Reliance Electric, Dept. CN, 24701 Euclid Ave., Cleveland, Ohio 44117 U.S.A.

SELF-CONTAINED AIR CONDITIONER FOR HOTELS AND HOMES — This firm's "52B Wall Pac" is a one piece, self-contained air conditioner designed for use in homes, hotels, small shops, and offices. Heat pumps, as well as electric resistance heating and cooling versions, are available in both 50 and 60 Hz. Available options include energy management and corrosion protection. WRITE: Intl. RAC Product Mgr., Carrier International Corp., Dept. CN, P.O. Box 4806 Carrier Pkwy., Syracuse, New York, 13221 U.S.A. Telex: 093-7224. Cable: CARICOR.

UNIQUE AIR CONDITIONER FOR DESERT CLIMATES — Construction companies, as well as oil exploration and drilling operations, can use the "Desert King Air Conditioner," which is designed to function efficiently in extremely high outdoor temperatures. The unit has dust-free motors, widely spaced coil rims to prevent the build-up of sand and dust particles, and a two-speed fan. Also equipped with a built-in electric heater for cool nights, the unit is priced at $325 and is ready for delivery FAS at any U.S. continental port in 230-V, 50- or 60-Hz models. The firm seeks agents and representatives. WRITE: Robert W. Kent, Pres., Kenlo International, Interdyne Division, Dept. CN, 13084 Ferntrails La., St. Louis, Missouri 63141 U.S.A. Telex: 31-1249 KENLO.

RUBBER-COATED STEEL AND ALUMINUM GASKETS FOR AC COMPRESSORS — Manufacturers of compressors for refrigeration and air conditioning will be interested in this firm's head and valve plate gaskets, which are said to reduce future warranty costs resulting from blown gaskets. These gaskets are coated with a resilient, elastomeric material that is impervious to water, oils, aromatics and refrigerants. Thickness is precise, the firm says, and non-wickage and maximum bolt torque retention are additional features of these gaskets which are priced from $.20 to $1.00. WRITE: L.R. Sepanski, Vice Pres., Mktg., Wolverine Gasket Co., Dept. CN, 2638 Princess St., Inkster, Michigan 48141 U.S.A.

NEW SYSTEM SIMPLIFIES PNEUMATIC CONTROL PANELS — This firm's "Pneumodular Control System" is a new concept in controlling heating, ventilating, and air conditioning systems to provide energy savings. Said to meet any pneumatic control need with simplicity, the "Pneumodular" has been designed for superior precision while reducing space and labor requirements and installation costs. Agents are sought for this system, suitable for use in hotels, schools, and commercial building. WRITE: C.B. Curtis, Sales Mgr., Robertshaw Controls Co., Dept. CN 1910 Byrd Avenue, Richmond, Virginia 23230 U.S.A. Telex: 82-8366. Cable: ROBISCO.

MODULAR REFRIGERATION SYSTEM STORES RAW PRODUCE — Agribusinesses, large agricultural developers, and vegetable growers will be interested in this firm's industrial refrigeration units for storing produce. The modular design of this system allows all design, manufacture, and assembly to be done in the U.S., avoiding problems of on-site construction, missing or defective parts, and quality control. Units are designed for storing up to 5,000 t in any climate from 0o to 60o C. Agent and distributor inquiries are welcome. WRITE: David Baker, Vice Pres., Mktg., COMAIRCO Intl., Inc., Dept. CN, 221 W. 37th St., P.O. Box 8243, Boise, Idaho 83707 U.S.A. Telex: 29-6518.

EFFICIENT CLOSED-LOOP WATER SOURCE HEAT PUMP SYSTEM — This firm's water source heat pump is designed to heat and air condition multiroom buildings. The heat recovery system reduces costs of installation and operation to a minimum, the company says, and individual units can be operated economically independently of other units in the building. This $600-$3,000 system is said to be simple to operate and maintain and is available in four configurations: vertical, horizontal, console and vertical-stacked. The system has coefficients of performance up to 3.5 for cooling and 3.8 for heating, and models are available up to 61,000 BTU/h (17.9 kw), 60 Hz. WRITE: D.R. Gurock, Vice Pres., Gen. Mgr., CHP Corp., Dept. CN, P.O. Box 26883, Oklahoma City, Oklahoma 73126 U.S.A. Telex: 74-7238.

FREEZER OFFERS GREATER STORAGE VALUE FOR THE MONEY —This firm's "UF30R-NSF Freezer" is said to provide optimum storage value for the money. The freezer is designed for use in supermarkets, convenience stores, florist shops, and bakeries, as well as in homes. The large, comparatively inexpensive unit features simple components, high quality, and no service problems, the firm says. The rugged, simple construction of the $800 freezer offers many years of trouble- free service. Agents are sought. WRITE: Harlan L. Wilson, Pres., Harmony International Corp., Dept. CN, 6536 28th St. SE., Grand Rapids, Michigan 49506 U.S.A. Telex: 29-7760 HRMY UR.

DATA GATHERING PANEL FOR BUILDING AUTOMATION — Available in 20, 40, and 60 point, this firm's "Data Gathering Panels" are a direct alternative to the Honeywell Series 1000 and 1200 panels. The panels are constructed from off-the-shelf microprocessor boards, which is said to give maximum flexibility in engineering, installation, and maintenance. They can be installed in both small-point and high-point density locations, and are available in either d.c. or tone channel configurations. All analog and digital functions use industry-standard sensors which eliminate the need for expensive Honeywell R/P transducers, according to the firm. WRITE: Gregory E. Powers, Intl. Sales & Mktg. Mgr., Electronic Systems USA, Inc., Dept. CN, 1014 E. Broadway, Louisville, Kentucky 40204 U.S.A. Telex: 910-350-0105.

ENERGY MANAGEMENT SYSTEM CAN BE EASILY UNDERSTOOD — Hospitals, schools, office buildings, and airports can replace the Honeywell Delta 2000 Energy Management System with this firm's "Building Control Console." This system connects directly into an existing transmission coax and handles all remotes, digital or tone. It has an easily understood English language system, plus an 8-color, user-friendly CRT. There is no need for reconfiguration or rewiring, and maintenance of the older CPU is eliminated, according the the firm. WRITE: Gregory E. Powers, Intl. Sales & Mktg. Mgr., Electronic Systems USA, Inc., Dept. CN, 1014 E. Broadway, Louisville, Kentucky 40204 U.S.A. 910-350-0105 ESUSA.

DURABLE PRODUCT COOLERS — Designed for holding, chilling, and blast freezing, this firm's "Axial Flow Propeller Product Cooler" features galvanized steel coils, open-drip-proof motor, and multibladed airfoil propellers, direct driven at 1160 or 1750 rpm. The units are housed in corrosion- resistant, heavy mill galvanized steel and include separable fan and coil sections. Available in 1-, 2-, and 3-fan models, the coolers feature coil and drain pan design said to promote efficient operation. WRITE: Erik Buschardt, Mgr., Intl. Sales/Environmental Products, Hussmann Corp., Dept. CN, 12999 St. Charles Rock R., Bridgeton, Missouri 63044 U.S.A. Telex: 684-1016.

LOW-COST ELECTRIC DUCT HEATERS OFFER CLEAN HEAT — This firm's electric duct heaters are designed for use as space heating in buildings of all types — commercial, industrial, institutional, and utility. They may be used for complete or supplementary heat and are available from 1 kw to 2,000 kw in sizes from 130 x 102 mm to 12,000 x 4,570 mm in voltages from 110 to 600 V. Heaters are installed with either slip-in or flanged mountings. There is a choice of controls in either pneumatic or electric systems from simple single-step to silicon controlled rectifier (SCR) and SCR-Vernier. Agents are sought for these heaters, priced from $200 to $5,000. Custom engineering is available. WRITE: Walter G. Flaschar, Sales Mgr., Brasch Manufacturing Co., Dept. CN, 11880 Dorsett Rd., Maryland Heights, Missouri 63043 U.S.A. Telex: 44-7260.

FOOD DISPLAY CASE SELLS MORE, INCREASES PROFITS — The "Nifty Fifty" delicatessen case is designed to sell more food products at greater profits for owners. Easily installed and serviced, the case is finished in walnut on the ends and front and has a stainless steel, mirror-finish top. It features urethane foamed-in-place insulation, fluorescent lighting, sliding doors, gravity evaporators, automatic defrost clock, and an energy-saver condensate disposal system. Dealers and distributors are sought for this case which is available in 5 sizes up to 3.6 m. WRITE: Jeffrey Fogel, Pres., McCray Refrigerator Co., Inc. Dept. CN, Grant Ave. and Blue Grass Rd., Philadelphia, Pennsylvania 19114 U.S.A. Cable: HOWFRIG.

ECONOMICAL BUS AIR CONDITIONER — The "BE 724," described as easy-to-install air conditioning system that is powered by the vehicle engine or the self-contained unit, has a rated capacity of 72,000 BTU at 35o C during normal highway driving speeds. The unit features two compressors equipped with electric clutches that prevent operation when not required. Another advantage is a high-capacity dryer in the condenser that removes moisture from the refrigerant. Other features include a luggage rack duct, easily accessible system controls, high and low pressure Freon switches, and a fusable plug at each dryer. The "BE 724" is recommended for all buses, schools, transit companies, businesses and governments. WRITE: Rodger Bloch, Dir. of Sales and Mktg., Scott Air Inc., Dept. CN, LaVelle Rd., P.O.Box 1745, Alamogordo, New Mexico 88310 Telex: 910/988-1562.

DEHUMIDIFIER DRIES AIR ECONOMICALLY — The "Moisture Magnet Industrial Dehumidifier" is designed to eliminate damaging moisture economically in such places as manufacturing plants, libraries, musems, warehouses and storage rooms. The unit features a humidity control and an automatic temperature control that maintains humidity level and air drying capacity. The firm says the dehumidifier operates most efficiently at ambient dry bulb temperatures between 13o C and 41o C and at relative humidities from 40 to 100 percent. It is available in 208/230 volts, and 50 or 60HZ. The price is $1400 to $1900. The firm is seeking agents. WRITE: Richard E. Frizell, Sales Mgr., Mechanical Specialties, Inc., Dept. CN, Tulip & Rhawn Streets, Philadelphia, Pennsylvania 19136 U.S.A. Telex: 83-4588.

COOLING UNIT FOR COMPUTER ROOM — Facilities that have invested in mainframe computers or minicomputers will be interested in the "EDPAC Specialized Cooling System" for maintaining exact, reliable control of temperature, humidity and clean air for well-functioning computer operations. The cooling system is based on modules which offer such energy saving features as the "ECX" economy cooling system, which reduces energy use by 40-60 percent; the Dyna-Monitor II, a microprocessor-controlled status panel that instantly detects and remembers up to 16 malfunctions; and, where required, a chiller for water-cooled computers. The cooling system costs from $5,000 to $20,000, which the company claims amounts to a fraction of total computer room investment, and it is said to contribute to such an increase in operating efficiency that computer downtime is considerably reduced. WRITE: Ray Desrocher, Gen. Sales Mgr., EDPAC Corp., Dept. CN, 200 Welsh Rd., P.O. Box 970, Horsham, Pennsylvania 19044 U.S.A. Telex: 83-1632.

TEMPORARY HEAT FOR SPECIAL SITES — The "Tioga Air Heater" is a skid-mounted or portable air heater for use at unfinished construction sites, drilling rigs, warehouses, coal mines, or any temporary or specialized heating application. Available capacities range from 472,000 cm3/sec to 9,912,000 cm3/sec with outputs of 200,000 to 4,200,000 Btu/h. The company reports that this rugged heater will operate for many years with virtually no maintenance, even under severe conditions. Dealers and distributors are sought. WRITE: Mike Lecceardone, Mktg. Mgr., Tioga Air Heaters, Div. of Waconia Mgr. Ind., Inc., Dept. CN, P.O. Box 6, Waconia, Minnesota 55387 U.S.A.

FLEXIBLE AIR CONDITIONING SYSTEM — The "Model J Air Handling System" is a package of modular components which allows users to design units to meet particular specifications. Four interrelated cross-referenced manuals enable users to assemble a flexible air conditioning system with such features as backward curved vans and variable inlet fanes. Other features are internal isolation, built-in inertia base and double wall insulated construction, an airflow capacity of 23,600 cm3 and a water gauge pressure of 25.4 cm. The "Model J" is easy to install, conserves energy and provides extended low maintenance service life at a reasonable cost, according to the company. WRITE: Linda M. Neureuter, Intl. Marktg. Mgr., Buffalo Forge Co., Dept. CN, 490 Broadway, Buffalo, New York 14204 Telex: 09-1234.

INDIVIDUAL ROOM HEATERS REPLACE FURNACE — "The Register," a new concept in zonal forced air electric heating, lowers installation and construction costs, since there is no central furnace or ductwork. Designed for either conventional or modular construction or remodeling in buildings of various sizes, the compact unit features low wall placement (11.4 cm from floor), quiet operation and unobstrusive appearance. Eleven UL-listed models are available, rated from 1,700 to more than 8,000 Btus, operating on 120V or 240/208V at 500 to 2,400W. The firm seeks agents for this $65 to $75 product. WRITE: Vance Mosher, Treas., Cadet Manufacturing, Dept. CN, 2500 W. Fourth Plain Blvd., P.O. Box 1675, Vancouver, Washington 98668 U.S.A. Telex: 15-2821.

ECONOMICAL TEMPERATURE MONITOR FOR FURNACES AND AIR CONDITIONERS — This newly patented product is said to reduce the energy consumption of forced-air furnaces or air conditioners by as much as 50 percent without reducing the user's comfort level. By monitoring the temperature of the heat exchanger in a furnace or the coils of an air conditioner, it can customize the system's operation as weather and usage change, the company says. It also is said to extend the life of a furnace or compressor. Exclusive distributors are desired for this device which is priced from $45 to $109. WRITE: Ken Davis, Pres., Duty Cycle, Inc., Dept. CN, 40 Edgewood Dr., Lawrenceburg, Indiana 47025 U.S.A.

Agriculture, forestry, and fishing

IRRIGATION DESIGN — This irrigation specialist dealing in the service as consultant, designer, and field supervisor offers up-to-date technology in design and information on sprinkler and drip systems for turf and agriculture, water and soil conservation, training programs for employees, farmers, and developers of landscaping, playing fields, and golf courses. The consultant emphasizes his expertise and experience in the inexpensive design and installation of high-quality irrigation systems. WRITE: Frank J. DiNenna, Pres., Frank DiNenna Irrigation Specialist, Dept. CN, P.O. Box 1251, Helena, Montana 59624 U.S.A.

AGRICULTURAL CONSULTING — Staffed by a team of consultants, agricultural engineers, and computer specialists, this firm provides irrigation and drainage design; pump and well testing; total project engineering and management; surveying; field contour maps; earthwork analysis; farm machinery, livestock building, and grain handling system design; computer software for agriculture; solar heating design; and feasibility studies. The staff has language capabilities in French, German, and Spanish. WRITE: Ron Gaddie, Pres., AB International Consulting Co., Dept. CN, 3939 N. 48th St., Lincoln, Nebraska 68504 U.S.A. Telex: 48-4300 NBC Bank LCN.

HYDROLOGICAL SERVICES — Real-time data acquisition, analysis, forecast, and control for natural hazard mitigation are this firm's specialties. Real-time applications for enhanced alert systems include agriculture, hydrology, and forestry. A subsidiary of Sierra-Misco, Inc., of Berkeley, California, this firm has a staff of 3, plus 11 associates, with language capabilities in Spanish and Portuguese. WRITE: Dr. David Curtis, Pres., International Hydrological Services, Dept. CN, 13 Westbrook Rd., Bloomfield, Connecticut 06002 U.S.A. Telex: 27-5945 SMBK UR.

FIRM LOCATES FARM EQUIPMENT — Established in 1959, this firm assists in locating supplying, and servicing agricultural machinery, including tractors, combines, tillage tools, grain handling, hay, and forage equipment to fit customers needs and budget. Agents and representatives are sought. WRITE: Robert D. Heberer, Pres., Herberer Equipment Co., Inc., Dept. CN, 505 S. Railway, Mascoutah, Illinois 62258 U.S.A.

AGRICULTURAL EQUIPMENT SERVICES — This export management company provides for installation and servicing of agricultural equipment supplied through client manufacturers. In business 40 years and with a network of territorial managers around the world, the firm responds to all relevant inquiries about agricultural, lawn and garden, and light industrial equipment. It seeks agents for products. WRITE: John C. E. Luard, Pres., OPICO, P. O. Box 849, Mobile, Alabama 36601 U.S.A. Telex: 46-0166. Cable: OPICO MOBILE.

FRUIT AND VEGETABLE GROWING SYSTEMS — This firm designs complete growing systems and provides growers with plants, trees, seeds, irrigation equipment, chemicals, agricultural machinery and technical assistance. Each system is individually designed for each client, and the growing stock provided is said to be certified and produced on fumigated soil. Agents are sought for the turn key system, which is priced from $500 to $1,000,000. Exported items are said to meet all agricultural certification requirements. WRITE: Billy J. Mills, Pres., International Agri-Systems, Inc., Dept. CN, P.O. Box 893, 5 Bayshore Dr., Shalimar, Florida 32579 U.S.A. TWX: 23-0199 SWIFT UR attn INL.

Computers

MAGNETIC HEADS SERVICING — Established in 1969, this company provides sales and service of magnetic heads for all types of magnetic recording media. Sales and service include the refurbishing of damaged heads and sales of prime units. Currently doing business in five countries, the company has 375 employees. WRITE: Jose J. Lopez, Mgr., Applied Magnetics Caribe, Inc., Dept. CN, P.O. Box 848 Pueblo Station, Carolina, Puerto Rico 00630. Telex: 345-3002.

SOFTWARE SYSTEMS — Employing theories of reusable software technology, this company develops software systems for any business with a computer, particularly an IBM. It provides non-industry-specific software that can be adapted to a variety of applications. The company has 40 employees, language capacities in English, Italian, and Spanish, and an interest in expanding its operations worldwide through licensing and agents. WRITE: Arthur V. Morley, Dir, Intl. Sales, Master Software, Inc., Dept. CN, 42 Pleasant St., Watertown, Massachusetts 02172 U.S.A.

DATA PROCESSING — In business for 13 years, this firm provides software programming, inventory, mailing lists, payroll, labels, diskette-to-tape (1600 BPI), and tape-to-diskette services. The company has handled the data processing needs of a wide range of accounts, including Coca Cola, Publix, and Maas Brothers, and has worked successfully as a sole source and on an overflow basis. WRITE: Janet M. Reynolds, Pres., Jan Rey Data Processing Service, Inc., Dept. CN, 3025 W. Hillsborough Ave., Tampa, Florida 33614 U.S.A.

SYSTEMS DEVELOPMENT -- This corporation provides computer applications, engineering, R & D systems development and integration, and computer-related product development services. These applications are in the areas of nuclear power and other energy and industrial processes. A primary activity is providing engineering services to develop computer systems which acquire, analyze, store, and display data. In business since 1977, the firm has 10 employees and language capabilities in English and Chinese. WRITE: Herman Miller, Pres., INET Corp., Dept. CN, 8450 Central Ave., Newark, California 94560 U.S.A. Telex: 494-2683.

NEW AND PREVIOUSLY OWNED COMPUTER PRODUCTS -- This supply firm specializes in exporting new and pre-owned personal computers, printers, monitors, disk drives, and other accessories, as well as software for personal computers. It also has pre-owned IBM System 34 computers. Offering exlusive representation of some of its products to Latin American and Mid-East countries, the company has language capabilities in English, Spanish, and Italian. WRITE: Fernando Sol, Vice pres., Mktg., Proven Computer, Dept. CN, 3000 W. MacArthur Blvd., Ste. 600, Santa Ana, California 92704 U.S.A. Telex: 68-1343 HQ SNA.

COMPUTER MANAGEMENT -- Emphasizing the building of institutional self-sufficiency in computer equipment, programs, staff, and management, this firm provides training for trainers and managers of programmers, operators, and users without computer background in all aspects of evaluating, selecting, and using computer installations, from microcomputers to mainframes. Language capabilities are in French, Spanish, and German. WRITE: James F. Blanchard, Pres., Fenton Associates, Ltd., Dept. CN, P.O. Box 22, Storrs, Connecticut 06268 U.S.A.

COMPUTER MARKET INFORMATION -- COMPUTER INDUSTRY ABSTRACTS provides complete coverage of published market information on computers, peripherals, and software on a Lotus 1-2-3 data base. Subscribers can scan the industry, search files, use Lotus graphics to make pie charts, and extract data for analyses and presentations. Menu-driven and easy to use, ABSTRACTS requires Lotus 1-2-3, IBM-PC, or IBM-PC-compatible equipment. Data disks are updated and mailed quarterly for an annual subscription of $180. Hard copy is available for $195. WRITE: Keith Parker, Pres., Data Analysis Group, Dept. CN, 8263 Vista Dr., La Mesa, California 92041 U.S.A.

IBM-PC WORKSHOP -- This firm's two-day professional workshop on basic computer concepts and applications teaches all important terminology, provides a complete understanding of all business software applications, includes hands-on experience with IBM-PCs (provided by the firm), and includes a 30-page workbook. The staff has language capabilities in Spanish, Dutch, Portuguese, and German. WRITE: William K. Gallagher, Dir., Computers Simplified, Dept. CN, 6515 Saroni Dr., Oakland, California 94611 U.S.A. Target: [2] [4] [5] [6]

HARDWARE/SOFTWARE INTEGRATION -- This firm offers software engineering, hardware integration, and related technical services in telecommunications, information systems, and transportation. Providing expertise in requirements analysis, hardware and software selection and vendor evaluation, and computer security, the staff communicates in Spanish, German, Thai, and other languages as required. The company is interested in joint ventures as well as exporting its services through agent representatives. WRITE: Thomas E. Gernon, Vice Pres./Deputy Gen. Mgr., Intl. Operations, The BDM Corp., Dept. CN, 7915 Jones Branch Dr., McLean, Virginia 22102-3396 U.S.A. Telex: 24-8895 BDMI UR.

Construction

SECURITY CONSULTING AND ENGINEERING -- Guidelines and recommendations for security of persons and property in industrial, commercial, and institutional facilities are developed by this independent consulting engineering firm, which has no ties to vendors or insurance companies. Risk analysis surveys of existing facilities, plan review for new construction, and engineering services for intrusion, access control and surveillance systems are offered on a fee basis. Established in 1952, the firm also develops computer-based emergency communications systems for fire safety, security, and police functions. WRITE: Bert Cohn, Vice Pres., Gage-Babcock & Associates, Dept. CN, 135 Addison Ave., Elmhurst, Illinois 60126 U.S.A.

SUPPLIER OF ELECTRICAL COMPONENTS -- A master distributor of electrical components to heating, air conditioning and refrigeration wholesalers, this firm is interested in assigning agents and distributors. The company is an exclusive distributor of [illegible] 4 Contacts and other RBM relays and contactors, and also carries GE motors, [illegible], fan blades, transformers, and sundry parts. WRITE: Don Kampenga, Intl. Sales Coordinator, Steveco, Hamilton Standard Controls, Dept. CN, 9100 Airport Dr., Ft. Wayne, Indiana 46809 U.S.A. Telex: 27-2193 HSC ESSEX LGPT.

ELECTRICAL MATERIALS TO MEET U.S. STANDARDS — Companies requiring electrical materials meeting U.S. standards and U.S. electrical codes will be interested in this company, which supplies materials worldwide. The firm helps provide engineering experience for companies with little or no experience in supply and services of U.S.-specified electrical requirements. It also assists in rewriting specifications to meet requirements. Established in 1977, the company has 24 employees and offers its services to contractors, OEMs, and end-users. WRITE: Raymond J. Chepiga, Vice Pres., Credex Intl., Inc., Dept. CN, 467 Canal St., New York, New York 10013 U.S.A. Telex: 62-0013.

WATERSCAPE DESIGN — This technical firm is involved in the design, engineering, and construction of large-scale waterscapes, such as GFRC synthetic or natural rock, waterfalls, ponds, lakes, streams, decorative paving, and natural jacuzzis. Specializing in resort hotels and other commercial operations, it provides turnkey installations, including engineering, construction, and operator training. Established in 1981, the company has a staff of 20 and language capabilities in Mandarin and Malay. WRITE: Richard Heaton, Pres., Hardscapes Hawaii, Dept. CN, 789 D Mapunapuna St., Honolulu, Hawaii 96810 U.S.A. Telex: HR8709 HRDSC.

ENGINEERING, RESEARCH, AND DEVELOPMENT — Established in 1980, this company provides services in all forms of engineering, consulting, research and development, and fabrication support. The staff has expertise in architectural, mechanical, electrical, civil and structural engineering, as well as in aerospace engineering, strain gauge testing, solar energy, energy conservation and control, piping supports, and structure foundations. Employees have language capabilities in Gujarati (Indian), Spanish, Chinese (Mandarin), and French. WRITE: George J. Dougherty, Program Mgr., SEEMA, Inc., Dept. CN, 3217 N. Armistead Ave., Hampton, Virginia 23666 U.S.A.

INTERNATIONAL TRAINING — Basic and advanced training for operations, supervision, safety, industrial teacher training, maintenance and personnel systems are covered by this firm, which can provide a full-service training team experienced in all aspects of training. Interested in working in developing countries, the company is willing to make long-term commitments to work on location, training trainers and workforce and providing follow-up to see that agreed upon objectives are achieved. The staff has language capabilities in French, Spanish, and German. WRITE: W.W. Massengill, Vice Pres., Mgr. Technology Sales, Kaiser Aluminum Technical Services, Inc.-International Training Services, Dept. CN, 300 Lakeside Dr., Oakland, California 94643 U.S.A. Telex: 33-5315.

TECHNICAL TRAINING FOR ENGINEERS, APPLIED SCIENTISTS — This training center offers short courses (3-5 days) on a variety of technical subjects for professional engineers, applied scientists, and technical managers. Courses are arranged on a public basis in leading hotels throughout the U.S. and Europe. They are attended by technical professionals from industry and government service from the U.S., Europe, the Middle East, and Africa. The center also offers in-plant short courses, which involve presentations for specific companies on their own premises. Courses are taught in English. WRITE: Dr. Malcolm D. Robinson, Dir. of Overseas Operations, The Center for Professional Advancement, Dept. CN, Box H, East Brunswick, New Jersey, 08816 U.S.A. Telex: 13-9303 CENPRO EBRW.

ELECTRICAL ENGINEERING EXPERTISE — Supported by years of experience in the industrial and commercial electrical construction industry, this firm also offers expertise in electrical maintenance and repair. Described as progressive, the firm is seeking new markets. It was established in 1980 and employs 6 active staff members as well as an additional 50 available through a skilled labor pool. WRITE: Byron L. Davis, Pres., Byron L. Davis & Sons Electrical Services, Inc., Dept. CN, 280 Thompson Ave., Glenburnie, Maryland 21061 U.S.A.

ENERGY CONSERVATION AND FIRE SAFETY — Building administrators, developers, architects, and planners will be interested in the technical design service offered by this firm, which has planned sophisticated fire safety and security systems for major U.S. and foreign government buildings. The firm also offers expertise in energy conservation, including cogeneration. The principals have experience in the Far East, Europe, and South America. WRITE: Norio Sakai, ISS & Associates, P.C., Dept. CN, 8330 Old Courthouse Rd., Ste. 890, Vienna, Virginia 22180 U.S.A.

RARE AC PARTS SUPPLIED — Familiar with all brands of air conditioning equipment, this firm specializes in locating and furnishing hard-to-find parts (such as Worthington, Chrysler, and Airtemp). It can furnish components for all makes of air conditioning equipment and solve emergencies rapidly. The firm has been in business for 20 years and has experience in Latin America. WRITE: David Tranquilla, Vice Pres., Servidyne, Inc., Dept. CN, 7255 NW. 44 St., Miami, Florida 33166 U.S.A. Telex: 28-7123.

CUSTOM-BUILT RODS — Sport fishers and companies which supply the sport fishing industry will be interested in this firm's individually handcrafted rods made to meet customer specifications. The firm buys from a variety of different manufacturers to obtain the finest components available. Dealer inquiries and individual orders are welcome. The firm's complete catalog is available. WRITE: Keith Martin, Gen. Mgr., Coren's Rod and Reel Service, Dept. CN, 6424 N. Western Ave., Chicago, Illinois 60645 U.S.A.

FISHING TACKLE PURCHASED — This firm offers to prepay overseas purchases and obtain the lowest prices. The company consolidates purchases from several U.S. fishing tackle or sporting goods factories and ships under one bill of lading and letter of credit. U.S. market information is reported through attendance at trade shows, and catalog follow-up is provided. With language capabilities in Spanish, Afrikaans, and Dutch, the firm says it offers excellent factory relations and service. WRITE: Theodore E. Bamberger, Pres., Extex Co., Dept. CN, 1034 B Second St., Lafayette, California 94549 U.S.A. Telex: 17-2137 H AFC CG LFAY.

DISCOUNT GOLF AND TENNIS FRANCHISING — Las Vegas Discount Golf and Tennis, described as the world's largest golf and tennis sales operation, is expanding its operations through this new firm, which will franchise its other stores throughout the world. The franchiser offers to provide site selection assistance and complete training in the operation of off-course, discount golf and tennis facilities. WRITE: Geoffrey W. Gorman, Pres., Sporting Life, Inc., Dept. CN, 4625 Wynn Rd., Ste. 107, Las Vegas Nevada 89103 U.S.A. Telex: 55-0663.

WASTEWATER TREATMENT — This firm provides economical and ecologically safe wastewater treatment systems that use natural processes to return domestic and industrial wastewater to streams and rivers in a non-polluting and non-toxic condition. The digestive and filtration processes require no moving parts or chemical additives. Larger systems can produce methane for reuse. WRITE: J. C. Weihing, J.J. McMullen Associates, Inc., Dept. CN, 609 Delmas Ave., Pascagoula, Mississippi 39567 U.S.A. Telex: T.R.T.: 17-7175. Western Union Intl.: 66133. Cable: MACDESIGN NEW YORK.

ENGINEERING AND CONSTRUCTION MANAGEMENT - Engineering, architecture, and construction management services are the specialties of this firm, which has completed 284 major projects in 49 countries outside the U.S. Founded in 1928, the firm has 2,900 employees and extensive international experience. WRITE: R. C. West, Chairman, Sverdrup Corp., Dept. CN, 801 N. 11th, St. Louis, Missouri 63101 U.S.A.

Financial, insurance, and real estate

CREDIT CARD REGISTRATION — This firm provides a computer credit card registration service to credit card holders. Credit card numbers are registered on the firm's computers, and in the event of loss or theft, the firm notifies the card issuers on behalf of its members. More than 14 million cards are currently registered from the U.S., Canada, Australia, New Zealand, and the United Kingdom. Clients include more than 200 card-issuing banks, Diners Club (Australia), Sears (Canada), Standard Oil (U.S.A.), Trans World Airlines (U.S.A.), and Debenhams (U.K.). WRITE: Robert F. May, Pres., Credit Card Sentinel, Inc., Dept. CN, 9040 Topanga Canyon Blvd., Canoga Park, California 91304 U.S.A. Telex: 065-1480.

TAX SERVICE — H & R Block, the world's largest tax service, is offering franchising opportunities worldwide. Franchisees will be licensed to prepare income tax returns under the company name and will receive guidance in business management, promotion and advertising, and the purchasing of supplies. Franchises may be granted for the preparation of tax returns for the U.S., Canada, or other nations. The firm specializes in developing the tax preparation industry to meet the needs of other nations' tax systems. Founded in 1955, the company is in business in 14 countries around the world. WRITE: James P. Byers, Dir. of Intl. Devel., H & R Block, Inc., Dept. CN, 4410 Main St., Kansas City, Missouri 64111 U.S.A. Telex: 43-4612.

FINANCIAL CONSULTING — A subsidiary of the Prudential Insurance Company of America, Prudential-Bache supplies support services for investment activities on U.S. financial exchanges, buying and selling common shares, obligations of the U.S. Government, Yankee and Eurobonds, and gold and silver. The firm counsels on risk management and offers investment advice in a wide range of areas. Established more than 100 years ago, the firm provides expertise in more than a dozen languages. WRITE: Paul S. Miller, Vice Pres. & Mgr. of Intl. Accounts, Prudential-Bache Securities, Dept. CN, 100 Gold St., New York, New York 10292 U.S.A. Telex: 17-7779. Target: [4] [5] [6] [8]

INSURANCE SERVICES — This firm offers a complete range of insurance services, including the design of a full risk management program. Its international team has extensive experience in placing, negotiating, and maintaining an array of companies, with specialization in marine, political risk, and export credit. WRITE: Michele Milone, Assist. Vice Pres., Cook & Miller International Ltd., Dept. CN, 60 E. 42nd St., Ste. 724, New York, New York 10165 U.S.A. Telex: 38-4782.

INSURANCE ON ACCOUNTS RECEIVABLE — Insurance on accounts receivable is available to both overseas buyers and U.S. exporters of goods and services through this firm. It offers insurance that is guaranteed by the Export-Import Bank in Washington, D.C. WRITE: Greig Placette, Pres., Placette Enterprise Corp., Dept. CN, 11777 Katy Frwy., Ste. 520 S., Houston, Texas 77079 U.S.A. Telex: 76-2022 MEI HOU.

FINANCIAL MANAGEMENT — This firm of Certified Public Accountants provides accounting, tax, and management consulting services to a wide range of clients in the Caribbean islands. Established in 1975, the firm has a staff of 30 and language capabilities in Spanish, Italian, Swedish, Norwegian, and Danish. WRITE: Donald J. Kevane, Managing Partner, Kevane, Peterson, Soto, & Pasarell, Dept. CN, Ste. 1501, Banco Central, 221 Ponce de Leon Ave., San Juan, Puerto Rico 00917. Telex: 325-2614 STEROE

INVESTMENT OPPORTUNITIES — This California firm serves investors seeking high safety for their assets, U.S. dollar income, and attractive capital growth. Investment opportunities include commercial and residential real estate in major growth areas in the U.S., California agricultural land, venture capital in high-tech firms, and mutual funds. The firm monitors investment performance and requires no minimum investment. WRITE: Dr. Dieter Raabe, Vice Pres., Intl., Silverstein Financial Services, Inc., Dept. CN, 10850 Wilshire Blvd., Ste. 230, Los Angeles, California 90024 U.S.A. Telex: 697-2425. Target: [2] [3] [4] [5] [6] [7] [8]

Healthcare

LABORATORY MANAGEMENT — Pearce Clinical Laboratories, Inc., provides a wide range of clinical laboratory management services for established laboratories and those in the planning stage. Expertise includes design of facilities; personnel staffing and training; equipment acquisition; translation of technical manuals; marketing of services; and business management. Established in 1983, the firm offers multilingual consulation and is actively seeking agents. WRITE: Dr. Paul J. Pearce, Pres., Pearce Clinical Laboratories, Inc., Dept. CN, 805 N. San Jacinto St., Conroe, Texas 77301 U.S.A.

EQUIPMENT EXCHANGE — Described as an energetic young corporate firm, this company consists of expert marketing practitioners who broker, sell, trade, and repair high-quality, previously-owned medical equipment of all types. Established for three years, the firm offers services in Spanish and English. Clients include hospitals, clinics, laboratories, physicians and surgeons, osteopaths, veterinarians, dentists, and chiropractors. WRITE: George B. Kerford, Pres., U.S. Medical Equipment Exchange, Inc., Dept. CN, 6220 N. Classen Blvd., Box 11161, Oklahoma City, Oklahoma 73136 U.S.A.

CONSULTING AND COMPUTER SERVICES — This firm provides consulting and computer services to hospitals and healthcare organizations. Consulting services include financial, planning, organizational, and health system studies. Computer products focus on the clinical and managerial decision support systems for hospitals based on mainframe, mini-, and microcomputers. Turnkey systems can also be arranged. WRITE: Robert Friesen, Intl. Business Rep., Amherst Associates, Inc., Dept. CN, 20 N. Clark St., Ste. 1200, Chicago, Illinois 60602 U.S.A.

MEDICAL SUPPLIER — This firm supplies medical equipment and instruments, disposables, and laboratory instruments, including chemicals and reagents. It can arrange such benefits as term payments to U.S. Government agencies and qualified buyers and supply spare parts as well as remanufactured expensive equipment. The firm has experience participating in government tenders and is interested in firms that can provide local representation. WRITE: Arturo Romero, Vice Pres., Anahuac Group, Inc., Dept. CN, 7218 Clinton Dr., Houston, Texas 77020 U.S.A. Telex: 79-2940 POSEY.

DIALYSIS EQUIPMENT AND SUPPLIES — Described as a one-step specialist for all dialysis needs, this firm also markets for several manufacturers in the renal field. It supplies all dialysis equipment and disposables, builds, equips, manages, and staffs turnkey dialysis and kidney transplant centers. The firm is seeking distributors and local representation with agents who are willing to stock and sell its products. WRITE: Tony F. Dow, Pres., Lifecare International, Inc., Dept. CN, 8323 La Bajada Ave., Whittier, California 90605 U.S.A. Telex: 683-1196 DOWLC.

PLANNING AND CONSULTING — Medical equipment planning, consulting, and specification for all types of medical facilities are provided by this firm. Its full-time staff includes specialists in radiology-nuclear medicine, intensive care, pharmacy, surgery, materials management, purchasing, nursing, and laboratory work who have completed more than 300 projects. WRITE: Donald G. Foster, Pres., The Planning Center, Inc., Dept. CN, 401 Huehl Rd., Northbrook, Illinois 60093 U.S.A. Telex: 20-6037

EXPORT SERVICE — Established in 1974, this firm specializes in purchasing, financing, consolidating, new product searching, consulting, mergers, and acquisitions for overseas buyers of, and investors in, U.S. health care products and services. The firm has language capabilities in Spanish and is currently seeking agents worldwide. WRITE: Michael R. Cole, Pres., Meridian Synapse Export Corp., Dept. CN, 200 Fifth Ave., Ste. 705, New York, New York 10010 U.S.A. Telex: 42-4709 HWLD. Cable: MERIDFORSA.

HEALTH CARE EQUIPMENT — A licensed medical equipment, parts, and supply export company, Medexco specializes in acquisition, technical support, and consultation. As an authorized dealer for a large number of medical manufacturers and a manufacturer in selected medical areas, the firm can offer a full range of high-quality generic products at a low price. With language capabilities in Spanish and a staff of ten, the company provides a total spectrum of services for government, public, and private medical systems. WRITE: Ronald R. Patterson, Pres., Medexco, Inc., Dept. CN, 15689 Chemical Lane, Huntington Beach, California 92649 U.S.A.

MOBILE MEDICAL UNITS -- This firm can provide mobile medical units as well as a complete range of medical equipment and supplies for diagnosis and treatment. Its multilingual staff also has expertise in design engineering, construction assistance, equipping, and staff training for hospitals, clinics, laboratories, and other medical facilities. WRITE: Guy P. Nohra, Product Development Specialist, Security Pacific Trading Corp., Dept. CN, 350 S. Figueroa, Ste. 210, Los Angeles, California 90071 U.S.A. Telex: 683-1432 SPTC UW.

DIAGNOSTIC ANTISERA -- Veterinarians as well as health, agriculture, and research labs will be interested in this firm's custom services. Specializing in animal antisera, the firm offers a full range of RID and IEP tests and provides electrophoresis for all animals; sheep, rabbit, and cow animal blood products; and antisera for any antigens. Agrarose plates for qualitative and quantitative analysis of many different serum proteins are also supplied. WRITE: Barbara Anne Sunderland, Pres., Sunderland & Associates International Marketing, Dept. CN, P.O. Box 56754, Houston, Texas 77256 U.S.A. Telex: 77-5774 Sher Hou Place.

ULTRASOUND ACCESSORIES -- All accessories and supplies needed for ultrasound examination can be purchased through this single source. Products supplied by the firm include dry silver recording paper, ECG recording paper, thermal printers, B-mode transducers, M-mode transducers, phantoms, and patient positioning wedges. WRITE: Tyler M. Brown, Mgr. of Sales, Johnson & Johson Ultrasound, Inc., Imaging Supply Center, Dept. CN, P.O. Box 552, Lewistown, Pennsylvania 17044 U.S.A.

HEALTH CARE CONSULTING -- Offering language capabilities in English, Spanish, and French, this firm provides consulting in the following areas: management of facilities and services by contract; design and development of facilities from feasibility study through all stages; equipment planning and procurement; prepaid plan development; short term planning and consultation; project financing; and training. WRITE: Pamela M. Garside, Dir. of Devel., Health Central International, Inc., Dept. CN, 601 Brookdale Towers, 2810 57th Ave. N., Minneapolis, Minnesota 55430 U.S.A. Telex: 910-576-2444 Health Ctl Mps.

PRODUCT RESEARCH -- This 14- year old independent firm provides expertise in regulatory strategy and clinical research for FDA submissions. Its services center around study design, protocols, clinical monitoring, data management, biostatistical analysis, and reports on research for pharmaceuticals, medical devices, diagnostics, and biologics. The firm's Washington, D.C. office assures overseas clients easy access to FDA amd NIH interaction. WRITE: Joan Alper, Dir. of Mktg., Biometric Research Institute, Inc., Dept. CN, 1401 Wilson Blvd., Ste. 400, Arlington, Virginia 22209 U.S.A.

SURPLUS MEDICAL SUPPLIES -- This firm buys excess and overstocked namebrand, quality medical supplies from U.S. manufacturers and distributors. The wide range of items sold at prices below regular cost includes connecting tubes, surgical clothing and gloves, surgical packs and trays, catheters, blood pressure units, and a variety other medical and surgical supplies. WRITE: William G. Munns, Pres., Munns Medical Supply/Forbes Div., Dept. CN, P.O. Box L9185 - 7211 S. Topeka Blvd., Pauline, Kansas 66619 U.S.A. Telex: 43-7303. Cable: MEDA.

REFURBISHED HOSPITAL EQUIPMENT -- This firm reconditions used hospital and medical equipment. Popular items for sale at considerable savings include autoclaves, surgery tables and lights, examining tables, wheelchairs, hospital furniture, and monitoring systems. The company provides name brand equipment said to be in excellent condition, and it will take special orders. WRITE: William C. Milligan, Pres., National Health Marketing, Dept. CN, P.O. Box 19283 - 7211 Topeka Blvd., Topeka, Kansas 66619 U.S.A. Telex: 43-7303. Cable: MEDA

DENTAL EQUIPMENT -- High technology dental equipment, including electrosurgical equipment, ultrasonic scalers, fiber optics, curing lights, and a complete range of inexpensive and medium-priced delivery systems are the specialties of this firm, which represents a selected group of U.S. companies that also manufactures X-ray equipment, compressors, and vacuum systems. The company has language capabilities in English, Chinese, Japanese, French, and Spanish, and seeks dealers and manufacturers interested in joint ventures. WRITE: Steve Conger, Pres., Olympic Trading Co., Dept. CN, 271 Wolfner Dr., Fenton, Missouri 63026 U.S.A. Telex: 53-2871 OLTC STL.

HEALTH AND ENVIRONMENTAL ISSUES -- Specializing in the management of health and environmental issues, this consulting firm addresses hazardous waste and human health, Agent Orange and dioxin, environmental cancer, environmental hazards to reproduction, and occupational health and safety. The staff has language capacity in Spanish and includes professionals in epidemiology, toxicology, public health, preventive medicine, public policy, health planning and marketing, and operations research. WRITE: George L. Carlo, Pres., George Carlo & Associates, Inc., Dept. CN, 777 Fourteenth St. NW., Seventh Floor, Ste. 747, Washington, D.C. 20005 U.S.A. Telex: 499-6731 WASHS.

USED AND RECONDITIONED EQUIPMENT — This firm locates and supplies a wide variety of used and reconditioned medical equipment, ranging from X-ray machines to surgical equipment, and general hospital equipment, from hospital beds to autoclaves. Offering to fill specific requests, the firm can supply equipment for a single physician clinic or outfit an entire hospital. Agents and distributors are sought. WRITE: Jon DeGnore, Pres., DeGnore & Associates, Inc., Dept. CN, 4119 Old Dominion Dr., West Bloomfield, Michigan 48033 U.S.A.

DATA PROCESSING — Mediflex Systems manages data processing facilities for healthcare clients throughout the U.S. and provides software products designed for use with IBM equipment for medium and large healthcare facilities. The company offers a full range of in-house, computer-based IBM software application systems as well as its own financial planning and budgeting system on a remote processing basis, provided from the company's national Data Center in Atlanta, Georgia. WRITE: Otto G. Stoll, Vice Pres., Corp. Services, Mediflex Systems Corp., Dept. CN, 990 Grove St., Evanston, Illinois 60201 U.S.A. Telex: 20-6068.

Mining and heavy construction

DISPERSED GAS FLOTATION EXPERTISE — Established in 1976, this firm offers consulting services in the field of centrifugal gas flotation, a recent advance in dispersed gas flotation. The company, which has 85 employees, seeks licensing agreements and agents for this patented process. WRITE: Paul C. Broussard, Vice Pres., G&A/USA, Dept. CN, P.O. Box 52568, 1666 General Mouton Ave., Lafayette, Louisiana 70505 U.S.A. Telex: 78406 GILLEY LFY.

METALLURGICAL SERVICES — Interested in doing business worldwide, this firm offers failure analysis and accident investigations involving metals and other engineering materials; complete analysis and testing laboratories for materials; expert witness and metallurgical engineering, research and development of metallic and other materials, industrial process consulting and quality control; product feasibility study; fire assays; extractive metallurgy and refining; pilot plant design and construction; scanning electron and light microscopy; chemical analysis; mining consultation and ore characterization; physical and mechanical testing; industrial process simulation and testing; and feasibility studies of material processing. WRITE: Douglas A. Stolk, P.E., Metallurgical Consultant, Spectrum Metallurgical Services/Spectrum Laboratories, Dept. CN, 2602 Electronic Lane, Ste. 609, Dallas, Texas 75220 U.S.A.

MINE ENGINEERING — Providing consulting, engineering, and design services, this firm has 80 years of experience in the engineering of underground mines, surface mines, and mine facilities, as well as civil engineering, highway design, sanitary engineering, structural design, and construction administration. WRITE: Latham B. Gray, Jr., Pres., Gates Engineering Co., Dept. CN, P.O. Drawer AF, 201 N. Kanawha St., Beckley, West Virginia 25802-2829 U.S.A. TWX: 710-938-8460.

DIESEL PARTS REPAIR — This firm services, supplies, and repairs parts and components for heavy- duty diesel engines, including parts for Cummins and Detroit models. Specialties include "matched and balanced" sets of engine injectors. WRITE: Mariano D. Aquino, Jr., Mktg. Admin., Overseas, Korody-Colyer Corp., Dept. CN, 112 N. Avalon Blvd., Wilmington, California 90744 U.S.A. Telex: 67-7296. Cable: KORODIESEL.

CONSULTING GEOLOGIST — Providing long- and short-term contract crews, this consulting geologist offers services ranging from regional reconnaissance through feasibility studies for the development of alluvial and lode precious metal and base metal deposits. Technical support includes geologic mapping and sampling, geochemistry, geophysics, air photo and satellite imagery interpretation, drill program supervision, and economic assessment. WRITE: Thomas W. John Consulting Geologist, Dept. CN, 1545 S. Wells Ave., Ste. 200, Reno, Nevada 89502 U.S.A. Target: [7]

REPLACEMENT PARTS PROGRAM — Mining and construction companies can contact this firm for spare parts for any equipment currently in use. Agents and distributors are sought by this company, which offers a unique replacement parts program for major lines of U.S.-manufactured equipment. WRITE: Kirk Kesaphan, Pres., Centrum Commercial Co., Inc., Dept. CN, 5250 W. Century Blvd., Ste. 705, Los Angeles, California 90045 U.S.A. Telex: 372-0206. Cable: CENTRUM.

RESOURCES IN ENGINEERING AND CONSULTING — A business development representative for a group of U.S. consulting and engineering firms, this company offers services in all aspects of the mining industry, including engineering and geophysics, design and construction, and analytical and laboratory services. The firm has language capabilities in Spanish and is interested in cooperative or joint ventures. WRITE: Frank L. Ludemen, Pres., Consulting & Engineering Resources, Dept. CN, 11 Robin Crest Lane, Littleton, Colorado 80123 U.S.A. Target: [4] [5] [8]

BUILDING MATERIALS SUPPLIER -- Described as one of the largest building supply companies in the U.S., this firm offers high quality merchandise with the convenience of "one-stop" shopping. The firm containerizes and ships materials from its headquarters in Florida. WRITE: Daniel Gonzalez, Export Sales Mgr., Scotty's, Inc., Dept. CN, P.O. Box 939, Winter Haven, Florida 33880 U.S.A. Telex: 810-867-0941.

SPECIALIZED ENGINEERING -- Emphasizing project completion on time and within budget, this firm offers expertise in hydroelectric projects, wastewater collection and treatment, water systems, and road and bridge projects. Supported by a land surveying division and a materials testing division, the firm provides complete handling of projects and has language capabilities in Dutch. WRITE: Alden C. Robinson, P.E., Principal, Sunrise Engineering, Inc., Dept. CN, 60 E. Center St. (P.O. Box 186), Fillmore, Utah 84631 U.S.A.

CONSTRUCTION MACHINERY CLEARINGHOUSE -- Cranes; aggregate, cement, and asphalt plants; diesel engines and gensets; materials handling and earthmoving equipment; rock crushing and drilling equipment; and compressors are supplied by this firm. Replacement parts are also provided by this company, which has language capabilities in Spanish. WRITE: David Diaz Cataldo, Pres., Kane Caribbean, Inc., Dept. CN, GPO Box 2376, San Juan, Puerto Rico 00936. Telex: 345-0484. Cable: KANECAR. Target: [5]

CONSTRUCTION EQUIPMENT LEASING -- Established in 1937, this firm leases and sells cranes and excavation equipment and provides qualified operators. Equipment includes bulldozers, loaders, backhoes, scrapers, dump trucks, and cranes with lifting capacities to 272 t. WRITE: Gary Hoffman, Vice Pres., Sales, Carlisle Construction Co., Inc., Dept. CN, P.O. Box 308, Newport, Kentucky 41072 U.S.A.

MINING EQUIPMENT DISTRIBUTORS -- Established in 1962, this firm completely equips coal mine operations, or supplies individual units, with full warranty on materials and workmanship. The company seeks agents for its services in providing continuous miners, coal cutters, shuttle cars, and other machinery. WRITE: J. J. Mahoney, Pres., Empire Machinery Co., Inc., Dept. CN, P.O. Drawer 1048, Beckley, West Virginia 25802 U.S.A.

ESTIMATING SOFTWARE -- This firm's "Ulysses," an IBM-PC- compatible software program, enables international contractors to compare costs with industry averages, adjust averages to reflect their own costs, track equipment at different job sites, record fleet expenses, transfer costs to electronic spread sheets, and build their own database. The service, available for $225, includes quarterly database updates and requires 320K of RAM. WRITE: Robert O. Middleton, Dir. of Mktg. Services, Dataquest Inc., Dept. CN, 1290 Ridder Park Dr., San Jose, California 95131-2398 U.S.A. Telex: 17-1973.

Safety and security

FIRE PROTECTION -- Guidelines and recommendations for fire protection in industrial, commercial, institutional, and governmental facilities are developed by this independent consulting engineering firm, which has no ties to vendors or insurance companies. Risk analysis surveys of existing facilities, plan reviews for new construction, code analysis, and engineering services for fire detection, alarm and suppression systems are offered on a fee basis. Computer-based emergency communications systems are developed for fire safety, security, and police functions. The firm has been in business since 1952 and has 45 employees. WRITE: Bert Cohn, Vice Pres., Gage-Babcock & Associates, Dept. CN, 135 Addison Ave., Elmhurst, Illinois 60126 U.S.A.

FIRE SAFETY -- Established in 1982, this company specializes in fire protection and safety engineering, providing consultation and services in disaster preparedness and emergency management, training, risk management, community emergency services, master planning, fire services organization, and program recommendations. WRITE: George W. Morgan, Fire Safety International, Dept. CN, P.O. Box 3393, Arlington, Virginia 22203 U.S.A.

POLYGRAPH TRAINING -- Approved by the American Polygraph Association and licensed by the New York State Education Department, this organization offers training in the use of the polygraph (lie detector). The course consists of 300 hours during a 7-week period. The $2,100 tuition includes all books and study material. WRITE: Victor C. Kaufman, Dir., New York Institute of Security & Polygraph Sciences, Dept. CN, 50 Broad St., Ste. 1020, New York, New York 10004 U.S.A. Target: [2] [4] [5] [6] [7] [8]

Services (personal, educational, legal, business etc.)

BROCHURE DISTRIBUTION AND DISPLAY SERVICES -- Specializing in brochure distribution at travel, vacation, boat, hunting and fishing shows, and state and world fairs, this firm offers photograph and poster display services, rental of professional booth displays, exclusive booth representation, and mailing lists. WRITE: Sharon Dean, All States Brochure Distribution, Dept. CN, P.O. Box 146, Osage Beach, Missouri 65065 U.S.A.

TELECOMMUNICATIONS ENGINEERING -- This firm supplies complete telecommunications services for the design, installation, testing, and maintenance of advanced telephone systems and equipment. Services are said to include placement and splicing of fiber optic and copper cable, and the staff of 305 employees offers special expertise in constructing sophisticated communication systems for military installations and telephone operating companies worldwide. Also offering training programs for host country nationals in conjunction with its services, the company is interested in joint ventures in addition to the export of its services. Capable of functioning in Western Europe, Mid-East and North Africa, Far East, South Asia and Canada, this firm, established in 1979, offers services in French, Spanish and Norwegian. WRITE: Ben Stubenberg, Vice Pres., Overall Pacific Communications, Inc., Dept. CN, 5290 Overpass Rd., Ste. 215, Santa Barbara, California 93111 U.S.A. Telex: 65-8340 Intertel or 29-5298 SNC.

INTERNATIONAL TELEPHONE SERVICE SEEKS AGENTS, LICENSEES -- Offering international toll-free telephone service among 30 countries, this firm enables overseas customers to make a local toll-free call and reach U.S. suppliers anywhere in the United States. The system can also be used for international advertising. U.S. firms can list a toll-free 800 number in their advertising in 27 cities, and foreign customers can reach the U.S. supplier by calling the local toll-free number. Established in 1974, this firm has language capabilities in French and German and is interested in agents and licensing arrangements. WRITE: Yonna Cherkosky, Vice Pres., Service 800, Inc., Dept. CN, 90 Park Ave., New York, New York 10016 U.S.A. Telex: 22-0047 servo vr.

ANTITERRORIST DRIVING SCHOOL -- This firm provides advanced multipurpose, antiterrorist drivers education. It describes tself as best-known for its innovative Executive Protection Course which trains the drivers of executives and diplomats in eluding attack by kidnappers and terrorists. Also said to be capable of consulting with clients on transportation security, vehicles, armoring and related topics, the firm, established in 1970, numbers 12 employees. Staff members will travel abroad to provide training courses for clients. WRITE: Anthony J. Scotti, Pres., Scotti School of Defensive Driving, Dept. CN, 10 High St., Ste. 13, Medford, Massachusetts 02155 U.S.A. Telex: INTL. DIV. 95-5439.

LICENSEES SOUGHT FOR INFLATABLE PRODUCT REPLICATION -- This company seeks licensees for establishing outdoor advertising services based on giant inflatable one-of-a-kind product replicas. Total investment required is approximately $30,000 which includes production equipment, marketing assistance and factory training, according to the firm. Services are said to specialize in unique single designs that can be reproduced in a modest price range. WRITE: Michael Handler, Gen. Mgr., Pie In The Sky Co., Dept. CN, P.O. Box 5267, San Mateo, California 94402 U.S.A. Telex: 27-8373. Cable: SKYUSA.

TRADE LAW SPECIALISTS -- This law firm specializes in international trade law, including U.S. import laws, representation before the U.S. Customs Service, the International Trade Administration and other U.S. Government agencies with jurisdiction over import and export laws. The firm, which numbers 20 employees, offers services in Spanish, French, Chinese, and Hebrew. WRITE: George Locker, attorney, Serko & Simon, Dept. CN, One World Trade Center, Ste. 3371, New York, New York 10048 U.S.A. Telex: 42-6816 TRADE. Cable: TRADE ATTYS.

BUSINESS CONTACTS IN LOS ANGELES -- This international service company helps foreign executives conduct their business in Los Angeles, California. The firm provides contacts in the client's field, well-equipped offices, and a multilingual staff for support. It also provides representation after the client's departure and preparation for subsequent visits. This firm, established in 1984, is capable of doing business in French, German, Italian, Spanish, and Portugese and is interested in franchising its services. WRITE: Irene Taub, Sec./Treasurer, American Business Affiliates, Inc., Dept. CN, 9200 Sunset Blvd., Penthouse 22, Los Angeles, California 90069 U.S.A. Telex: 69-6179 AMBIZ. Cable: AMBIZ, Los Angeles.

ECONOMIC GEOGRAPHY CONSULTING -- Management consultants provide professional advisory services in the field of economic geography, including facilities location planning, location feasibility and site selection studies, operating cost projections, labor market studies, and implementation services bridging from site identification to start-up of operations. Experience includes a wide range of facilities projects encompassing plants, warehouses, and offices for manufacturing and service industries, institutions, associations, and government organizations. WRITE: Barrie Storrs, Vice Pres., Intl., James P. Wadley & Co., Inc., Dept. CN, 310 South St., Morristown, New Jersey 07960 U.S.A.

ELECTRONIC STANDARDS TESTING -- This independent testing laboratory provides third party certification and testing of electronic products and components in accordance with international standards. Services are said to include the testing of telephones, computer products, and low power transceivers for compliance under Parts 15 and 68 of the rules of the U.S. Federal Communications Commission (FCC). The company, which is said to be entirely independent of outside financial or commercial interests, reports that it will also act as liaison between overseas equipment manufacturers and the FCC to ensure rapid processing of their products. Established in 1959, the company has 100 employees and is particularly interested in doing business in Western Europe, Canada, South Asia and the Far East. Agents are sought. WRITE: Alvin R. Friendlich, Sr. Project Engineer, MET Electrical Testing Co., Inc., Dept. CN, 916 W. Patapsco Ave., Baltimore, Maryland 21230 U.S.A. Telex: 90-8041 (BAL).

RAPID COURIER SERVICE TO EASTERN EUROPE, ISRAEL -- This firm provides 48-hour delivery services for urgent consignments to the U.S.S.R., Eastern European countries, and Israel. Offering to make arrangements for courier customers worldwide, the firm reports it will hand-deliver urgent samples, collection documents, contracts, and proposals to banks, offices and private residences in the areas cited. Customers anywhere in the world may send their documentation by telex or facsimile machine directly to the firm, at a saving of 3 to 5 hours time. The firm, which was established in 1981 and employs 8 people, seeks agents. WRITE: Abe Wyszynski, Pres., Lev-Aire Courier Ltd., Dept. CN, 244 W. 49th St., New York, New York 10019 U.S.A. Telex: 42-6270 LEVAIRE (ITT). FACSIMILE MACHINE: 212-586-5985.

IBM DISPLAY STATIONS -- Specializing in the manufacture of IBM-compatible control and display stations, and protocol converters, this firm also supplies printers, modems, and other state-of-the art equipment for most systems. The company was established in 1970, has 45 employees, and can conduct transactions in Spanish. WRITE: Mike McCall, Mktg. Mgr., Control Concepts, Dept. CN, 616 Enterprise Dr., Ste. 305, Oak Brook, Illinois 60521 U.S.A. Telex: 90-3069.

OVERSEAS ORIENTATION -- The International Orientation Sevice prepares individuals and their families for successful overseas assignments by providing training, orientation, personnel consulting, and research services, and by publishing the OVERSEAS LIVING newsletter. Serving corporations, government, universities, and non-profit agencies, the firm assists such organizations which send personnel to the U.S., as well as assisting U.S. organizations which send staff abroad. In business for one year, the firm has clients in 19 countries and is interested in doing business throughout the world. WRITE: Dr. Robert Gurevich, Sr. Assoc., International Orientation Service, Dept. CN, P.O. Box 3567, Chapel Hill, North Carolina 27515 U.S.A.

TECHNOLOGY LICENSING -- Offering commercialization of unique polymer product and process technologies, this company provides arrangements for U.S. production or licensing of patentable items and acquisition of U.S.-patented technology or licenses. Acting as an agent for various companies introducing products to market, the firm is currently doing business in five countries and has language capabilities in English and German. WRITE: Michael Gigliotti, Managing Dir., Polytechnique, Ltd., Dept, CN, 496 Washington St., P.O. Box 1133, Gloucester, Massachusetts 01931-1133 U.S.A. Telex: 94-0866.

LODGING AND CATERING -- As the non-profit educational subsidiary of the American Hotel & Motel Association, the Education Institute provides educational and training resources for individuals employed in the hospitality industry or preparing to enter the industry. Through the Institute's Independent Learning program, students may complete any of 23 competency-based courses (complete with textbook, study guide, quizzes, examinations, and certificate), covering every major functional area of hotel or motel operation. Students work toward official American Hotel & Motel Association certification, including an Institute diploma. WRITE: E. Ray Swan, Exec. Dir., Educational Institute of the American Hotel & Motel Association, Dept. CN, 1407 S. Harrison Rd., Ste. 310, East Lansing, Michigan 48823 U.S.A. Telex: 810-251-0701.

INTERNATIONAL MEDIATION -- Posey Freres negotiates and mediates international commercial disputes and deadlocked negotiations. With the services of a practicing attorney, the firm acts as a neutral third party offering dispute resolution to bring clients into direct negotiation with each other. The firm emphasizes prompt solutions and provides full administrative services in order to achieve them. The firm's partners offer fluency in English, Portuguese, and Spanish, as well as capabilities in other languages, and 12 years of commercial and international experience. WRITE: Richard Posey, Pres., Posey Freres, Dept. CN, 32 S. Broad St., Lititz, Pennsylvania 17543 U.S.A. Telex: 90-2216.

TECHNOLOGY TRANSFER -- This firm specializes in the international transfer of technology. It assists manufacturers in various basic industries who require a higher level of technology. Services include assistance in preparing and managing a technology acquisition program which includes establishing program scope and content, identification and evaluation of technology sources, support during contract negotiations, and direct assistance throughout the actual process of technology transfer and documentation. Strengths include counseling clients from an objective third party viewpoint from initial project conception through program completion. WRITE: J. M. Suit, Jr., Managing Dir., TECHNOLOGY ACCESS International, Dept. CN, 815 Beverly Ave., Bethlehem, Pennsylvania 18018 U.S.A. Telex: 85-3373.

AVIATION SERVICES -- Services provided by this company include maintenance and repair of all types of jet and turboprop airframes and powerplants. The firm offers avionics capability to engineer, install, and repair high-tech state-of-the-art equipment for both civilian and military aircraft. A trend monitoring system for PT6 turbine engines analyzes changes within engine operating parameters. The firm also offers a parts support program encompassing expendable, rotatable, and overhaul-exchange items, and provides interior designed refurbishing and precision exterior finishing for new and used aircraft. In business since 1975, the firm has language capabilities in English and Spanish. WRITE: Howard G. Miller, Vice Pres., Walker's Aviation Services, Inc., Dept. CN, 700 SW. 34th St., Fort Lauderdale, Florida 33315 U.S.A. Telex: 51-4375.

INDUSTRIAL TRAINING -- Providing hands-on technical training for people involved in maintaining electronic equipment, this company's workshops supply practical information -- not theoretical or design enginneering -- that can be applied to the job immediately. Current offerings include Digital and Analog Troubleshooting, Electronic Fundamentals, Troubleshooting Discrete Electronic Circuits, Introduction to Microcomputers, Soldering and Printed Circuit Board Repair, Induction Heating Equipment, Pneumatics, Hydraulics, Fluid Power, and DC Drives. The firm has been in business since 1978 and has 15 employees. WRITE: Bret Ridgway, Exec. Vice Pres., Hane Industrial Training, Inc., Dept. CN, P.O. Box 3165, 120 S. 7th St., Terre Haute, Indiana 47803 U.S.A.

MANAGEMENT SERVICES -- Specializing in information resources management consulting and training, this firm also offers publications for sale in the following subjects: ""Planning for Office Automation," "Forms Management, Analysis and Design," "Writing for Results," and "The Business Guide to Managing Records and Information Programs." Consulting and training concepts emphasize management planning, analysis and evaluation using a total systems approach. WRITE: Bill Ellis, Bill Ellis Management Services, Dept. CN, 6548 W. Portland Ave., Littleton, Colorado 80123 U.S.A.

MANAGEMENT AND LEADERSHIP TRAINING -- This firm designs and implements management and leadership training for business, industry, government, hospitals, and academia with particular emphasis on person-to-person activities. The company has expertise in the computer's role in communication and the decision-making process. It creates programs for companies with multinational staff, for those who work or negotiate in multicultural environments, and for those seeking to enhance the management skills of women or minorities. Language capabilities are in English, German, Spanish, French, and Dutch. WRITE: Dr. George Simons, Partner, Simons and Motsch Intl., Dept. CN, P.O. Box 8813, Toledo, Ohio 43623-0813 U.S.A. Telex: 650-134-9522 MCI.

MARKETING AND TECHNICAL CONSULTING -- Offering a marketing and technical consulting service to international firms seeking to introduce industrial products and services into the U.S. market, this firm fully assesses the requirements and prospects of successful introduction, including market potentials and market definitions at various levels of performance and price; required product and performance specifications; pricing in the markets; competitors and the basis of competition; and channels of distribution, service and stocking requirements. The firm's experience covers a wide range of industries and products, often specializing in chemicals, specialty rubbers and polymers, fine chemicals, and refinery and chemical process equipment. WRITE: William J. Sheridan, Dir., Wm. Sheridan Associates, Dept. CN, 125 Indian Cave Rd., Ridgefield, Connecticut 06877 U.S.A.

GRAPHIC ARTS -- This full service graphic arts export trading company offers export trade services in consulting, advertising, marketing, legal assistance, warehousing, and transportation. It represents a select group of U.S. manufacturers who make printing presses, litho blankets, inks, ink pumps and technology, and other graphic arts equipment and supplies. Language capabilities are in English, Spanish, Russian, Polish, and German. WRITE: Isaac M. Savitt, Pres., Gate Group U.S.A., Dept. CN, 345 Hudson St., New York City, New York 10012 U.S.A. Telex: 697-1602.

LANGUAGE STUDY -- Established in 1979, the California Institute of Language offers intensive English study, college and university placement, high school exchange involving an academic year in the U.S., farm stays, and outgoing programs to England, France, Germany, and Italy. The staff of eight has language capabilities in French, Spanish, and Arabic. Agents are sought. WRITE: Dr. T.E. Farah, Dir., California Institute of Language, Dept. CN, 2611 N. Fresno St., Fresno, California 93703 U.S.A. Telex: 50-6088 CAL ED FSO.

SUPPLY HOUSE -- Established in 1981, this firm locates and supplies a wide range of U.S.-manufactured products, including 50 to +1,000 kVA generators and replacement parts, electrical supplies and lighting, pumps, valves, heat exchangers, scrap iron and steel products, building materials, oil field equipment and chemicals, and laboratory and medical test equipment. WRITE: Ralph L. Abruscato, Pres., Abruscato Trading Co., Dept. CN, 118 Los Aguajes, Santa Barbara, California 93101 U.S.A. Telex: 65-8499 POWELCORP.

BUSINESS CONSULTING -- This firm provides specialized consulting in the U.S. for Asian business groups seeking growth and expansion. Services include locating, negotiating, and financing licensing and joint-venture agreements with U.S. manufacturers. WRITE: Eldridge D. Wood, Jr., Pres., Inter-Pacific Capital Corp., Dept. CN, 6033 W. Century Blvd., Ste. 400, Los Angeles, California 90045 U.S.A. Telex: 66-4253 or 66-4611. Cable: INTERPAC LA.

WORLDWIDE EXPORT -- Representing numerous U.S. manufacturers, this export firm offers procurement services on a worldwide basis in defense, engineering, machinery, instrumentation, food, medical, and dental markets. It provides defense and machinery parts made to customer specifications. Established in 1979, the company can correspond in many languages. WRITE: Robert Maleno, Pres., RAM International, Ltd., Dept. CN, P.O. Box 34, Glenolden, Pennsylvania 19036 U.S.A. Telex: 83-1925. Cable: RAMINTLTD.

WORLD DEVELOPMENT PROJECTS -- This firm offers practical information on developing world project and procurement opportunities funded by the 24 different development banks and funding agencies worldwide. A computerized data base reports revenue generating information through its electronic TradeNet Services to companies with exportable goods and services. The firm offers special trade publications and has language capabilities in French, Spanish, and German. WRITE: Michael J. Carpenter, Dir. of Mktg., FIRST International Corp., Dept. CN, 4010 W. 65th St., Ste. 123, Minneapolis, Minnesota 55435 U.S.A. Telex: 29-1124 ITMAMPS UD.

FRAGRANCE FORMULATIONS -- This consultant service provides detailed perfume formulations for nearly all types of popular and classic perfumes and colognes, soaps, toiletries, cosmetics, and fragrances for industrial applications. The firm can assist in duplicating current fragrances used in production and help develop new fragrances. WRITE: William Hart, Pres., William Hart Custom Designed Fragrances, 279 W. 12th St., New York, New York 10014 U.S.A.

CONVENIENT WAREHOUSING -- Located near 80 percent of major population centers in the U.S., Louisville Public Warehouse offers foreign companies custom storage and distribution of their merchandise. Its coMputerized system guarantees fast, accurate inventory control. Founded in 1884, the firm has a staff of 60 with language capability in French. WRITE: Andrew Blieden, Asst. to the Pres., Louisville Public Warehouse, Dept. CN, 4500 Progress Blvd., P.O. Box 1830, Louisville, Kentucky 40218 U.S.A. Telex: 810-535-3299.

PRINTED CIRCUIT DESIGN -- Specializing in printed circuit design for commercial and military projects, this firm provides all documentation, layout, artwork, and photos. Fully loaded, soldered, quality-controlled, inspected, and tested products can be supplied. It also offers mechanical and electro-mechanical packaging in the areas of castings, sheet metal fabrication, plastics, and vendor-selected items. Established in 1978, the firm is interested in joint venture arrangements. WRITE: David Meador, Pres., Paragon Engineering, Inc., Dept. CN, 3751 Pennridge, St. Louis, Missouri 63044 U.S.A.

MANAGEMENT CONSULTING -- This firm provides organization, management, and human resource consultation and training. Although it has specialized in providing services internationally to the ski industry, it is seeking clients in a variety of industries, offering services in the areas of compensation planning and design, management consulting and training, and organizational consulting and development. WRITE: John Mullen, Pres., John J. Mullen and Associates, Dept. CN, P.O. Box 2066, Evergreen, Colorado 80439-2066 U.S.A.

STRUCTURAL ENGINEERING -- This firm's design experience includes towers and cable-supported structures; commercial, industrial, and multiresidential facilities; seismic studies; and earthquake- and blast-resistant design. Project services include project administration, construction management, value engineering, feasibility studies, and preliminary and final design. The firm has language capabilities in Italian and English and is interested in joint venture arrangements and agent inquiries. WRITE: Mark W. Fantozzi, Pres., The Fantozzi Co., Inc., Dept. CN, 10205 Imperial Ave., Cupertino, California 95014 U.S.A. Telex: 499-7037.

OUTDOOR EXHIBITS -- Graphic Solutions will design and produce outdoor interpretive exhibits suitable for parks, nature areas, zoos, and historical sites. Graphic panels are embedded in fiberglass for durability, and inexpensive replacement panels are available. Other applications include directories, ski areas, and golf courses. WRITE: V. Jay Crouse, Vice Pres., Graphic Solutions, A Div. of Advertising, Inc., Dept. CN, 355 S. Potomac St., P.O. Box 1288, Hagerstown, Maryland 21741 U.S.A.

FITNESS CENTERS -- Fortunate Life Center franchises emphasize safe weight loss while promoting health. Each center is designed to offer substantial income potential through client counseling fees and the sale of balanced, portion-controlled meals. Five-day training covers all aspects of the business operation, and health center experience is not necessary. The firm seeks master franchisees responsible for franchise development of an entire country or region. Rick Import, Vice Pres., Fortunate Corp., Dept. CN, P.O. Box 5604, Charlottesville, Virginia 22905 U.S.A. Telex: 75-6528.

CONSULTANTS EXCHANGE -- This firm has lists of consultants familiar with U.S. products, techniques, and technology. Its staff of two can find experts with unique combinations of skills to assist clients with particular problems and can arrange for consultants to work in every media, from answers by return mail to entire courses of instruction by laser disk. WRITE: Kathleen Hallanan, Vice Pres., Colbert Advisory Services, Inc., Dept. CN P.O. Box 16130, Jersey City, New Jersey 07306 U.S.A. Telex: 910-380-9382 COLBERT ADVIS.

INTERNATIONAL TRADE OPPORTUNITIES -- The Minnesota Trade Office, a state agency, provides free assistance to buyers seeking supply sources in medical, high-technology, and agricultural goods and services. The agency has a staff of 40 and is currently seeking agents and representatives. WRITE: Jerry Oberle, Trade Lead Specialist, Minnesota Trade Office, Dept. CN, 90 W. Plato Blvd., St. Paul, Minnesota 55107 U.S.A. Telex: 85-3610 MTOAG.

BUSINESS CONSULTING -- This small consultant firm provides individual attention to clients interested in developing sales, representation, distribution systems, joint ventures, and manufacturing operations in the U.S. The firm supports companies involved in technical products and systems with services ranging from small contracts providing basic market information and introductions to full scale business planning and project development. WRITE: Ted W. Engelbrecht, Pres., Techniport International, Dept. CN, 637 Mia Court, Danville, California 94526 U.S.A. Telex: 33-7717 HOMEOFCDAVL.

TRANSLATION -- Managed by professionals with graduate degrees in foreign languages and experience in international business, this privately owned company offers translation and interpreting services in most spoken languages, including Chinese, Japanese, and Arabic. It offers typesetting and camera-ready copy in most languages and has assisted multinational corporations since 1977. WRITE: Mariano Pallares, Pres., International Translating Bureau, Inc., Dept. CN, 20505 W. 12 Mile Rd., Ste. 103, Southfield, Michigan 48076 U.S.A.

MACHINE DESIGN -- Custom design, development, and building of high-speed automated machinery are the specialties of this firm, which has over 100 engineers, designers, technical craftsmen, and engineering technicians available for special project work. The firm installs custom machinery, trains personnel, and provides engineering for developing manufacturing processes, complete facility layout, and machinery diagnostics. WRITE: Robert Maleno, Pres., RAM Technical Services, Dept. CN, 850 Henderson Blvd., Folcroft, Pennsylvania 19032 U.S.A. Telex: 83-1925. Cable: RAMINTLTD.

MATERIALS MANAGEMENT -- Specializing in spare parts and consumables, this firm of materials management engineers and planners provides consulting services and field implementation of programs for spare parts and preventive maintenance. Services include documenting and evaluating parent equipment, selecting materials for start-up and maintenance, creating catalogs, and establishing inventory control and warehousing. WRITE: Joe G. Rogers, Project Devel., INTERMAT International Materials Management Engineers, Inc., Dept. CN, 11 Greenway Plaza, Ste. 1404, Houston, Texas 77046 U.S.A. Telex: 20-3198 IMME UR.

VIDEO PRODUCTION -- This video production company offers pre- and post-production services and mobile and studio facilities to produce video for training, education, historical documentation, research and development, sports, and recreation. The firm also provides telecommunication video productions and has capabilities in a number of languages, including Spanish, French, German, Japanese, and Chinese. WRITE: Alice Abbley, Pres., AMU Video Productions, Inc., Dept. CN, 12201 Grevillea St., Hawthorne, California 90250 U.S.A.

BUSINESS RESEARCH -- Designed to help small and medium-sized companies develop new markets in the U.S., this research firm provides a business plan tailored to the client's needs. Business plans cover the country's economic and political conditions, foreign trade, transportation, distribution channels, credit and banking, trade regulations, and advertising. Established in 1979, the company has a staff of eight and language capabilities in Arabic, English, and French. WRITE: Dr. T. E. Farah, Dir., MERG Research Services, Dept. CN, 2611 N. Fresno St., Fresno, California 93703-1897 U.S.A. Telex: 50-6088 CAL ED FSO.

INTERNATIONAL MARKETING -- Specializing in international marketing and business development, this consulting firm helps manufacturers of various size and product lines enter new markets with reduced risks and costs. Headquartered in New York, the company has offices or agents in major business centers around the world and capabilities in all major languages. WRITE: Ronald D. Wright, Vice Pres., Contact Systems Corp., Dept. CN, 200 Madison Ave., New York, New York 10016 U.S.A. Telex: 42-8763 CONTACT.

MEDICAL EQUIPMENT EXCHANGE -- Established in 1972, this firm acts as a clearinghouse for hospitals, clinics, laboratories, physicians and dentists worldwide who are interested in acquiring pre-owned equipment. A subsidiary of National Medical Enterprises, a total service health care enterprise, National Medical Remarketing will source equipment from any entity in the U.S. or abroad and determine conditions of repair, sale, and lease. Languages are Spanish, French, Portuguese, and Italian. WRITE: David Henderson, Intl. Consultant, National Medical Remarketing, Dept. CN, 3200 Park Center Dr., 5th Floor, Costa Mesa, California 92626 U.S.A.

BUYING HOUSE FOR INSTRUMENTATION -- Specializing in industrial instrumentation, this firm stocks items such as pressure gauges, thermometers, needle valves, tube fittings, brass and plastic tubing, thermocouples, thermowells, recording charts, and inking systems. The company offers competitive pricing and rapdid delivery and is interested in exporting its services worldwide. WRITE: Diana Mayes, Intl. Mgr., Champion Instrument Supply, Inc., Dept. CN, P.O. Box 358, Nederland, Texas 77627 U.S.A. Telex: 79-1145 CHAMP INST PN.

ROTATING EQUIPMENT -- Described as a technical inspection/ expediting company, this firm specializes in rotating equipment such as centrifugal compressors, gear increasers/reducers, steam and gas turbines, and electric motors for the petroleum, petrochemical, transmission, and power generation industries. This firm has worked with European and Mid-Eastern companies, servicing equipment used in offshore and onshore applications. WRITE: Robert L. Carlson, Pres., Carlson Associates, Dept. CN, 839 Bridle Lane, Webster, New York 14580 U.S.A.

COMPLETE MARKETING -- A full service marketing organization, this firm helps exporters adapt their products, marketing, and technical literature to the specific requirements of their target country. Services include technical and promotional writing, advertising, package design, and production of printed material from point-of-sale through collateral. The firm has considerable experience in projects for high-tech companies. WRITE: Alex Horeaux, Exec. Vice Pres., Horeaux & Stephen International, Inc., Dept. CN, 1447 Peachtree St. NE., Ste. 205, Atlanta, Georgia 30309 U.S.A.

SEMINARS ON U.S. BUSINESS -- This nonprofit organization assists non-U.S. businesses select consultants who specialize in areas of business in the U.S. It also conducts worldwide seminars on accounting, advertising, law, finance, and marketing. Costs are paid by the Association, which seeks participants who intend to purchase the professional assistance of U.S. business consultants for use in the U.S. or in their own country. Language capabilities are in Japanese and Spanish. WRITE: John P. Douglas, Pres., United States International Business Association, Dept. CN, 1300 Fidelity Union Tower, Dallas, Texas 75201 U.S.A.

HIGH-TECH PRODUCT DEVELOPMENT -- Servicing foreign companies seeking to develop state-of-the-art electronic, microprocessor-based industrial products or to upgrade existing electromechanical equipment, this firm offers complete contract product research, design, development, and hardware and software capabilities, from feasibility and specification to pre-production manufacturing. WRITE: Marc Raizman, Intl. Mktg., RELA Systems, Inc., Dept. CN, 6681 Arapahoe, Boulder, Colorado 80303 U.S.A. Target: [2] [3] [8]

DELAWARE VALLEY INVESTMENT -- A public-private partnership representing 100 different area organizations, this nonprofit service association offers complementary assistance to foreign firms interested in investing in the Delaware Valley. The staff helps identify prospective joint venture partners and appropriate sites for company facilities, advising on all aspects of initiating business in this area. Languages are Japanese, French, and German. WRITE: Lee T. Stull, Managing Dir., Greater Philadelphia International Network, Inc., Dept. CN, Ste. 1315, 123 S. Broad St., Philadelphia, Pennsylvania 19109 U.S.A. Telex: 35-0097 GPIN.

ENGINEERING AND TELECOMMUNICATIONS CONSULTING -- Microwave and earth station systems design are specialties of this firm, which also can provide turnkey systems engineering and network design services for the communications industry. Other services available include site and path surveys, radio frequency transmission design services, and training and maintenance plans. Employees speak Chinese, German, and Spanish, in addition to English. Agents are sought. WRITE: Steve Barta, Pres., Terrestrial Systems Engineering, Inc., Dept. CN, P.O. Box 11036, Reno, Nevada 89510 U.S.A. Telex: 375-9436.

COMPREHENSIVE HEALTH CARE CONSULTING -- This full-service hospital and health care consulting firm provides strategic planning, building consultation, facilities evaluation and planning, cost benefit studies, project development, and health care marketing. Established in 1946, the firm offers turnkey opportunities and is interested in joint ventures. WRITE: Donald M. Shaw, Sr. Consultant, Hamilton Associates, Dept. CN, 9401 Lee Hwy., Ste. 208, Fairfax, Virginia 22031 U.S.A. Telex: 46-6220.

FIRM OFFERS EMPLOYEE RECRUITMENT -- This consulting and personnel search firm, in operation since 1975, specializes in locating and screening candidates for jobs for its clients. Personnel search services usually are completed within 60 to 120 days, and confidentiality is assured. The staff, which offers capability in German, can also take part in personnel negotiations and relocation. WRITE: Ronald F. Mulvaney, R.F. Mulvaney & Associates, Dept. CN, Ste. 1660, 1034 S. Brentwood, St. Louis, Missouri 63117 U.S.A. Telex: 43-4368.

INFORMATION CONSULTING -- In order to help foreign business find trade information, these consultants provide many types of expertise. Services offered include information on a specific sector of the U.S. market; cultural and regional data; data on specific U.S. and European companies; SIC code data; and information on world patents and U.S. trademarks. Other services include assistance with direct mail campaigns, Russian, Spanish, and French translations, and editorial services. WRITE: Mark P. Willner, Pres., Information Sources, P.O. Box 62033, Virginia Beach, Virginia 23462 U.S.A. Telex: 650-222-9346.

EXPORT MANAGEMENT -- This firm can act as a local sales agent for foreign manufacturers who want to enter the North American marketplace. MMA will conduct market research, obtain product certification, and obtain and monitor distributors in the name of the foreign manufacturer. This four-year-old firm, with capability in Spanish, can also provide clients with procurement services in buying goods from American suppliers. WRITE: Irwin D. Nathanson, Pres., MultiNational Marketing Associates, Dept. CN, 6715 Seegers Trail Dr., Houston, Texas 77066 U.S.A. Telex: 792-2333.

EXPORT TRADING COMPANY FOR MEDICAL PRODUCTS -- Employees of this company can represent manufacturers of medical products who want to license their technology abroad. In addition to operating a medical manufacturers database to match requests for products with those producing them, this trading company also purchases medical equipment and can deal directly with a representative or agent. WRITE: Mary O'Brien, Vice Pres., CRC/International, Dept. CN, 201 York Rd., York Plaza, Jenkintown, Pennsylvania 19046 U.S.A. Telex: 55-1536 SARATOGA.

PRODUCT SEARCH SERVICES AND CONSULTING -- Trading partners for chemical process equipment and instruments, as well as pollution control, biotechnology, and mineral products, can be located by this firm. It also provides clients with management and technical consulting services, and has special expertise in liquid and solids processing. Representatives and agents are sought. WRITE: Basil J. Michel, Pres., The JSJ Group, Ltd., Dept. CN, 75 College Ave., Ste. 309, Rochester, New York 14607 U.S.A. Telex: 24-7346 S B S B U R. Target: [2] [3] [5] [8]

RETAIL CONSULTING SERVICES -- Specialists in services to national and international retailers, this firm offers information on inventory control, time value management, materials handling and distribution, multi-store operations, and open-to-buy management. The firm is a member of the Association of Management Consultants and the Institute of Management Consultants. WRITE: Burton M. Nudelman, Pres., Nudelman & Associates, Dept. CN, 6443 SW. Beaverton Hwy., Portland, Oregon 97221 U.S.A. TWX: 910-464-4792 EXEC SUITE PTL.

HUMAN RESOURCES CONSULTING -- Established in 1979, this company helps employers train staff and increase productivity. The consultants have over 30 years collective experience and can train staff at all levels, from entry level employees to executives. WRITE: Audrey Durr-Poole, Sr. Assoc., Bahrd, Dept. CN, 8989 Buckskin Court, Columbia, Maryland 21045 U.S.A. Target [7]

Textile machinery and equipment

REBUILT TEXTILE EQUIPMENT -- Providing services to the textile industry for over ten years, this company offers appraisals and liquidations of complete mills and component parts, from the opening room through the dyeing and finishing operation. The firm can locate specific parts and machinery and has a large supply of spare parts for immediate delivery. Language capabilities are in Spanish as well as English. WRITE: Frank J. Aiken, Board Chairman, Southeastern Textile Machinery, Inc., Dept. CN, 1103 Whitmell St., P.0. Box 921, Danville, Virginia 24543 U.S.A. Telex: 59-2420. EASYLINK: 6279-6081.

MANAGEMENT CONSULTING -- Established in 1975, this management consulting firm offers expertise in all facets of textile operations, with emphasis on marketing, management systems, technology assessments, productivity improvements, and human resource development. The company has conducted market studies for textile machinery companies, trained mill personnel in modern industrial engineering, and implemented development programs for managers and supervisors. WRITE: William F. Roberts, Sr. Partner, Roberts, Curry, & Co., Dept. CN, 8 Williams St., Greenville, South Carolina 29601 U.S.A.

Transportation, communications, electric, gas, and sanitary services

METEOROLOGICAL AND TELECOMMUNICATIONS SYSTEMS -- Staffed with bilingual engineers, meteorologists, and technicians, this firm installs and maintains meteorological and telecommunications systems. Meteorological systems include surface and radiosonde observing systems, wind-finding and weather radars, automatic weather stations, and APT/WEFAX satellite receivers. In telecommunications it provides data collection platforms, microwave and single sideband transceivers, and antenna and teletype systems. The firm is intersted in joint ventures. WRITE: Anita Cheche, Vice Pres. of Finance & Admin., IMET Corp., Dept. CN, 15-B Catoctin Circle SE., Ste. 207, Leesburg, Virginia 22075 U.S.A.

AIRCRAFT INSTRUMENTS -- Specializing in the sales and service of aircraft instruments, with an FAA-certified repair station #322-6, this firm offers complete overhaul of aircraft instruments. It also acts as a distributor for many U.S. manufacturers, offering customers a complete line of new instruments. Established in 1970, the firm has a staff of 12. WRITE: Kirk Ellis, Pres., Kelley Instruments, Inc., Dept. CN, 1024 South Santa Fe, Wichita, Kansas 67211 U.S.A.

HELICOPTER SUPPORT -- Based in Boise, Idaho, this international helicopter company offers expertise in offshore oil support, seismic/mineral exploration, powerline/pipeline construction, and personnel transportation. The staff ensures professional aviation management, maintenance, and operations, according to the firm, which is interested in conducting business worldwide. WRITE: John Shelstad, Pres., Crew Concepts, Inc., Dept. CN, 2950 S. Owyhee St., Boise, Idaho 83705 U.S.A.

EFFICIENT CARGO TRANSPORT -- Established in 1919, this firm transports goods from the United States to the Middle East and South Asia. Capable of handling large or odd-sized construction equipment, the firm's LASH vessel service offers rapid delivery to undeveloped ports or job sites with water access. Employees have language capabilities are in Arabic. WRITE: Joseph Ryan, Assist. Vice Pres., Waterman Steamship Corp., Dept. CN, 120 Wall St., New York, New York 10005 U.S.A. Target: [6]

ENGINEERING AND TELECOMMUNICATIONS CONSULTING -- Microwave and earth station systems design are specialties of this firm, which also can provide turnkey systems engineering and network design services for the communications industry. Other services available include site and path surveys, radio frequency transmission design services, and training and maintenance plans. Employees speak Chinese, German, and Spanish, in addition to English. Agents are sought. WRITE: Steve Barta, Pres., Terrestrial Systems Engineering, Inc., Dept. CN, P.O. Box 11036, Reno, Nevada 89510 U.S.A. Telex: 375-9436.

TRADE AND TECHNICAL LITERATURE

UPDATED GUIDE TO AMERICAN NOTABLES -- The two-volume 1984-85 edition of "Who's Who in America" includes 13,000 new entries. This biographical reference guide contains complete information on 74,000 people in government, business, law, education, and other areas, and is available for $168 plus $8 shipping cost. WRITE: Sandra Henley, Reference Services Dir., Marquis Who's Who, Inc., Dept. CN, 200 E. Ohio St., Chicago, Illinois 60611 U.S.A.

CATALOG OF BUSINESS SUPPLIES -- Legal and accounting professionals will be interested in the "NEBS Professional Catalog," a 72-page inventory of business supplies researched and designed by the New England Business Service. Products featured in the catalog include new bookkeeping systems, check-writing systems, and computer stationery for use with a typewriter or computer. Satisfaction guaranteed; fast shipping available. WRITE: Pierre LaPerriere, New England Business Service, Dept. CN, 500 Main St., Groton, Massachusetts 01471 U.S.A.

PURCHASING GUIDE FOR THE ARAB BUYER -- "International Equipment and Materials for The Arab World" (Arab World) is a magazine designed to keep the Arab buyer informed about industry equipment sold on the international market. It is a controlled circulation magazine distributed free of charge to managing directors, principals, and government officials in over 17 Arab countries. Written in Arabic with English and Arabic headlines, the magazine profiles different industries on a regular basis. Arab world covers such industries as fire, safety and security, office equipment and computers, automotive, construction and communication. WRITE: Paul Ungerman, Spindle Publishing Co., Dept. CN, 91 Central Square, Pittsburgh, Pennsylvania 15228.

COMPARATIVE STUDY ON LETTER OF CREDIT LAW FOR BANKS -- "Documentary Credits" compares and explains the old and revised version of the International Chamber of Commerce (ICC) Uniform Customs and Practice for Documentary Credits (UCP). Prepared by Bernard S. Wheble, Chairman of the ICC Banking Commission, the book discusses the revised law's effect on the practical handling of credit for banks. The book further explores the impact of the 1983 Revision on modern techniques such as automated and electronic data processing, transport technology, and office automation. In addition, Wheble discusses the deferred payment credit and stand-by credit. This publication is priced at $10. WRITE: Rachelle Bijou, ICC Publishing Corp., Dept. CN, 156 Fifth Avenue, Suite 820, New York, New York 10010 U.S.A.

NEW DIRECTORY FOR AUTHENTIC INDIAN ARTS AND CRAFTS -- This "Source Directory" is a 48-page illustrated directory of authentic arts and crafts created and sold by Indians, Eskimos, and Aleuts of the United States. Listed are 223 enterprises with illustrations depicting the diversity of handcrafted products in traditional and highly experimental styles. Also listed by state alphabetically, are names and addresses of businesses, with telephone numbers and business hours. In addition, the major products of each business is outlined. Single copies of the Source Directory are distributed free upon request. WRITE: Indian Arts and Crafts Board, Dept. CN, U.S. Department of the Interior, Washington, D.C. 20240 U.S.A.

BI-MONTHLY INDUSTRY REPORT TO LIST TRADE PERIODICALS "Construction Review" is a statistical publication containing up-to-date information about the construction and building materials industries in the United States. The January-February 1985 issue will contain a comprehensive listing of trade journals and publications, classified by area of coverage and reader orientation. Single copies of this issue are available for $3.75; subscriptions to the publication cost $21.25. WRITE: Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 U.S.A.

CATALOG OFFERS NEW CONSTRUCTION TECHNIQUES -- The National Association of Home Builders' 1985 "Catalog of Innovative Construction Techniques" will be available by midsummer. This collection of practical construction ideas written by and for home builders, subcontractors, and architects contains information produced by an ongoing contest offering prizes for ideas that cut costs, ease job management, or improve product quality. Highlighted areas include earthwork; paving; public utilities; foundations; waterproofing; drainage; structural elements above grade; roof systems; HVAC, electrical, plumbing, and mechanical systems; interior and exterior finishing; energy conservation; and design and construction. WRITE: NAHB Research Foundation, Inc., Attn: Catalog of Innovative Construction Techniques, P.O. Box 1627, Rockville, Maryland 20850 U.S.A.

SOFTWARE FOR HOME CONSTRUCTION -- The "Software Catalog for Home Builders" contains descriptions of computer programs for use in the home building and lightframe construction industries. It also lists sources, prices, and complete contact information for the software. Now available for $12, this 135-page guide will be of interest to engineers, architects, builders, subcontractors, and land developers. WRITE: NAHB Research Foundation, Inc., Attn: Software Catalog for Home Builders, P.O. Box 1627, Rockville, Maryland 20850 U.S.A.

HANDBOOK FOR STORE DESIGN -- The "Store Planning Workbook for Sporting Goods Retailers," by John Chipman, is a do-it-yourself workbook that shows how to design a profitable sporting goods store inexpensively. Included in this guide is advice on fixtures, floor coverings, use of floor space, and colors. The price is $65 ($35 for NSGA members). WRITE: The NSGA Bookstore, 1699 Wall St., Mt. Prospect, Illinois 60056 U.S.A.

ADVERTISING HANDBOOK -- Retailers will be interested in "An Advertising and Promotion Guide for Sports Retailers," by ComSource Inc. This complete "how to" guide includes step-by-step promotional plans and monthly planning calendars, and also explains how to select media, create effective ads, and set up an advertising budget. The price is $70 ($40 for NSGA members). WRITE: The NSGA Bookstore, 1699 Wall St., Mt. Prospect, Illinois 60056 U.S.A.

BUYING GUIDE -- The "NSGA Buying Guide" lists more than 6,000 suppliers of sporting goods products. Each supplier is listed with name, address, telephone number, a toll-free number if available, name of president, and national sales manager. In addition, the guide contains the names, addresses, and telphone number of major sporting goods associatons, as well as agents who are NSGA members. The price is $30 ($15 for NSGA members). WRITE: The NSGA Bookstore, 1699 Wall St., Mt. Prospect, Illinois 60056 U.S.A.

SPORTING GOODS MANUAL -- The purpose of "A Guide for Outside Sporting Goods Salesmen," by Kenneth G. Dieker, is to develop personnel who are effective in selling to schools and other institutional customers. Topics covered in detail include how to handle price competition, handling resistance, and selling benefits. The price is $9 ($6 for NSGA members). WRITE: The NSGA Bookstore, 1699 Wall St., Mt. Prospect, Illinois 60056 U.S.A.

INVENTORY CONTROL -- The "dollar unit control" inventory system, presented in "A System of Simplified Inventory Control," by Ken Dieker, is geared to the needs of the smaller retailer. The book describes a system that can be used manually and provides worksheets for the reader's use. The price is $20 ($10 for NSGA members). WRITE: The NSGA Bookstore, 1699 Wall St., Mt. Prospect, Illinois 60056 U.S.A.

BOOKLETS CONTAIN PRODUCT DATA -- "Product Knowledge Fact Booklets" are a series of booklets that offer descriptive information on 14 separate topics. The booklets include illustrations and discussions of products in such fields as archery, athletic footwear, exercise equipment, golf, soccer, and water sports. The price is $2 each ($1 for NSGA members) and $25 for the entire set ($10 for NSGA members). WRITE: The NSGA Bookstore, 1699 Wall St., Mt. Prospect, Illinois 60056 U.S.A.

MARKET SURVEY -- Based on a consumer survey of 80,000 U.S. families, "The Sporting Goods Market in 1984" is said to be the most comprehensive and original research available on consumer purchases of sports equipment, footwear, and clothing. The report makes retail sales projections in more the 20 sport categories. Demographics include annual family income, education of head of household, and place-of-purchase. The price is $95 ($25 for NSGA members). WRITE: The NSGA Bookstore, 1699 Wall St., Mt. Prospect, Illinois 60056 U.S.A.

FINANCIAL DATA ON THE SPORTING GOODS INDUSTRY -- The SGMA produces a yearly "Financial Ratio" and "Executive Compensation" study, available for $75 each. The "Financial Ratio" report includes data supplied by actual companies on sales, assets, and profitability. The "Executive Compensation" report offers a comparative look at the wages, bonuses, fringe benefits and commissions earned by key top management officials and sales and marketing forces. WRITE: SGMA, 200 Castlewood Dr., N. Palm Beach, Florida 33408 U.S.A.

U.S. TRADEMARK DIRECTORY -- For companies that need to know U.S. registered trademarks, the SGMA has published an industry trademark directory, available to nonmembers at $100. The bound book lists 4,000 U.S. sporting goods trademarks from 400 companies. A supplemental directory can be obtained for a cost of $50. Both directories are available at a discount cost of $120. WRITE: SGMA, 200 Castlewood Dr., N. Palm Beach, Florida 33408 U.S.A.

AUDIOVISUAL MATERIALS -- The SGMA's affiliate, the Athletic Institute (AI) specializes in publishing sports training books aimed at youth sports and has produced over 200 films and videotapes directed specifically at teaching sports and physical education. AI films and publications are used worlwide and are available through rental or purchase programs. The Institute also specializes in assisting sports organizations to produce books, manuals and training films to fill organizational needs. Average rental cost is $35. Sales costs for film and videotapes range from $99 and up, depending on length. WRITE: SGMA, 200 Castlewood Dr., N. Palm Beach, Florida 33408 U.S.A.

COUNTRY MARKET SURVEYS -- Country Market Surveys for the Sporting Goods and Recreational Equipment industry are available for the countries listed below. WRITE: International Market Research Services, OTIS/ITA, Rm. 1320, U.S. Department of Commerce, Washington, D. C. 20230 U.S.A. Telephone: (202) 377-2988. Please include order number: Argentina, June 1984, CMS/SGR/357/84; Australia, January 1983, CMS 83-152; France, March 1983, CSM/SGR/427/83; Germany, March 1983, CMS/SGR/428/83; Japan, December 1982, CMS 82-153; Mexico, January 1983, CMS 82-154; Netherlands, July 1983, CMS/SGR/421/83; Sweden, February 1984, CMS/SGR/401/84; United Kingdom, March 1984, CMS/SGR/412/84; Venezuela, December 1982, CMS 82-151.

Each Country Market Survey was edited from a major study done under contract and available from the National Technical Information Service. WRITE: National Technical Information Service, U.S. Department of Commerce, Springfield, Virginia 22161, Sales Desk telephone: (703) 487-4650.

TRADE GLOSSARY — "Key Words in International Trade" translates 1,000 technical English words relating to international trade into German, Spanish, French, and Italian. The publication features a multilingual glossary and is priced at $13. WRITE: Rachelle Bijou, ICC Publishing Corp., Dept. CN, 156 Fifth Ave., Ste. 820, New York, New York 10010 U.S.A.

REPORTS ON IBM PRODUCTS — "The IBM Tape Drive" (57 pp., $85), "The IBM 308X and Large Mainframe Systems" (84 pp., $80), "IBM and MVX/XA" (91 pp., $120), "Inside IBM" (149 pp., $120), and "IBM 4361/4381 Processors In-Depth Report" (64 pp., $85) are titles in a new research series said to be of interest to computer users worldwide. WRITE: Edward R. Wagner, Pres., Applied Management Systems, Dept. CN, 180 E. Main St., Patchogue, New York 11772 U.S.A.

INVENTORY CONTROL — "How to Control and Reduce Inventory," a 221-page book in a new edition, starts with order points, "E.O.Q.," basic and effective hand-operated systems, and builds to advanced and computerized techniques. Results are guaranteed with the book's easy-to-follow system, or the purchase price of $81.50 is refunded. WRITE: Burton E. Lipman, Publisher, Bell Publishing, Dept. CN, 15 Surrey Lane, East Brunswick, New Jersey 08816 U.S.A.

GUIDE TO U.S. SUPPLIERS — The "American Export Register" will be of interest to importers of American products worldwide. This comprehensive reference source to U.S. suppliers features detailed product information from 42,000 manufacturers annually. Product categories are printed in Arabic, Chinese, English, French, German, Japanese, Portuguese, and Spanish. This publication also features details on shipping, banking, customs, U.S. government representation abroad, and U.S. and foreign chambers of commerce information. The subscription rate is $112. WRITE: Ken Kiernan, Thomas International Publishing Co., Dept. CN, One Penn Plaza, New York, New York 10119 U.S.A. Telex: 12-6266 Cable: THOMAPUBNYK.

HIGH TECH PROFILES — Designed to bring together the entrepreneur in need of investors and the large corporation in need of technology, "Emerging High Tech Ventures" is a 415-page report that profiles 40 newly formed companies that have developed an innovative technology and that are judged to have tremendous growth potential. Each profile contains a detailed description of the company, key personnel, facilities, financial situation, and its technology and how it fits into the market place. The companies included are all incorporated, privately owned, have clear rights to the innovative technology, and have less than $10 million per year in revenues. The price of this report is $930. WRITE: Kenneth A. Kovaly, Technical Insights, Inc., Dept. CN, P.O. Box 1304, Fort Lee, New Jersey 07024 U.S.A.

ADVERTISING IN SPANISH — Said to be the only international broadcast publication serving the Latin American radio and television market, "Radio y Television" reaches broadcasters in South America, Central America, the Caribbean, and Spain. Published in Spanish, the bi-monthly magazine contains information about new developments in broadcast technology, equipment surveys, latest industry trends, exhibit coverage from important shows, and other news of interest to broadcasters. For an advertising rate card, WRITE: Cameron Bishop, Publisher, Intertec Publishing Corp., Dept. CN, P.O. Box 12901, Dept. CN, Overland Park, Kansas 66212 U.S.A.

FINANCIAL SERVICES CATALOG — The Standard & Poor's "Catalog of Services and Publications" lists financial and business information, such as stock reports, market analysis, industry surveys, investments outlook, statistical services and guides to securities transactions. WRITE: William R. Ballentine, Standard & Poor's Corp., Dept. CN, Farragut Bldg., 900 17th St., NW., Washington, DC 20006 U.S.A.

U.S. CORPORATION DIRECTORY — Intended to help foreign firms locate new customers or services in the U.S., the "National Directory of Addresses and Telephone Numbers" lists 75,000 major U.S. public and private corporations both alphabetically and by industry. With over 150,000 current entries, the directory also contains such information as travel in the U.S., data on 50 top cities, postal and courier information, hotel and vacation resorts, and government offices. The foreign subscription rate is $65 drawn in U.S. funds on a U.S. bank. WRITE: Steven E. Spaeth, Concord Reference Books, Dept. CN, 111 W. 50th St., New York, New York 10020 U.S.A.

NEWS OF SENSOR TECHNOLOGY — "Sensor Technology" is a new monthly publication that will track and interpret news in the rapidly emerging field of sensor technology. Intended as a source of information for those with an increasing need for the versatility and accuracy provided by sensors for a large number of industrial systems, "Sensor Technology" will focus on where this technology is headed, who is active in the field and why, and where the business opportunities lie. It will also analyze new developments in the field and keep its readers informed on the activity of competitors and on new methods and cost-effective approaches to old problems. WRITE: Kenneth A. Kovaly, Technical Insights, Inc., Dept. CN, P.O. Box 1304, Fort Lee, New Jersey 07024 U.S.A..

INTERNATIONAL PUBLISHING NEWSLETTER — The "International Publishing Newsletter" is directed exclusively to professionals in the field of international publishing. It contains detailed information on book fairs and other trade events worldwide; international book sales and promotional opportunities; reports on credit problems, currency restrictions, export/import documentation, and foreign exchange rates; copyright matters and protection of rights; developments in new technologies; contract suggestions and surveys of advances and royalty rates; reports on funding; and news of mergers, acquisitions, divestitures and bankruptcies. One year subscription rates are: $75 (U.S., Canada, and Mexico); $90 (all other countries, payable in U.S. dollars). WRITE: Marilyn Berry, Circulation Mgr., The K.S. Giniger Co., Dept. CN, 235 Park Ave. S., New York, New York 10003 U.S.A.

ADVERSE DRUG REACTION BULLETIN — "Clin-Alert" provides current information on adverse drug reactions, interactions, and related therapeutic hazards. Published in English, twice a month, each issue contains about 12 summaries of drug reactions digested from leading medical journals published throughout the world. "Clin-Alert" is airmailed to subscribers overseas for $89.95/year. A three-month trial subscription is available for $20. A binder and cumulative quarterly indexes are included. Also available are 8- and 5-year cumulative indexes and all back issues from 1962, either singly or in hardbound volumes. WRITE: Robert C. Plunkett, Pres., Science Editors, Inc., 149 Thierman Lane, Louisville, Kentucky 40207 U.S.A.

CATALOG OF PHYSICAL THERAPY EQUIPMENT — The "Physical Therapy Equipment Catalog" covers a complete range of U.S. rehabilitation and health care equipment used in the physical therapy field. Major product sections include: diagnostic equipment, furniture, heat and cold therapy, hydrotherapy, self-help devices, perceptual motor, exercise equipment, ambulation, traction, orthopedic equipment, and electrotherapy equipment. There is no charge for this catalog which will be of interest to hospitals, government agencies, importers, agents and distributors. WRITE: Rubin Zalcberg, Sales Mgr., T. F. Herceg, Inc., 33 Rector St., New York, New York 10006 U.S.A. TELEX: 42-2722 HERC UI.

HIGH TECHNOLOGY IN JAPAN — The Japan High Tech Review covers developments in Japan's computer, electronics, telecommunications, and related industries. Providing useful information for understanding the world market, this review costs $335 for a year's subscription. WRITE: Christopher Mead, The Mead Group, Dept. CN, P.O. Box 44952 Phoenix, Arizona 85064 U.S.A.

BUSINESS PLAN FOR BUILDERS — Published by the National Association of Home Builders, Business Planning for Builders provides planning tools needed to run an efficient, profitable business. Explaining how to develop a business plan, the book contains 5 charts and 32 sample forms, documents, and checklists. It is available at a cost of $11.50 for NAHB members and $14.50 for nonmembers. All orders must be accompanied by $2 for handling. WRITE: Publication Orders, Accounting Div., National Association of Home Builders, Dept. CN, 15th and M Sts. NW., Washington, D.C. 20005 U.S.A.

ARTIFICIAL INTELLIGENCE REPORT — A comprehensive annual report on the Artificial Intelligence industry, AI Trends '85 covers, among other related topics, AI computers and programming languages, industrial and U.S. government activities, corporate profiles, and future trends. It is available from DM Data, Inc. for $220 (prepaid). WRITE: Harvey P. Newquist III, DM Data, Inc., Dept. CN, 6900 E. Camelback Rd., Ste. 1000, Scottsdale, Arizona 85251 U.S.A.

SOFTWARE FOR BUILDERS — Prepared by the National Association of Home Builders, the 135-page Software Catalog for Home Builders contains descriptions of computer programs of interest to land developers, builders, engineers, or architects concerned with light-frame commercial or residential construction. This single source of information about such computer programs is available for $12. WRITE: Dr. R. C. Stroh, NAHB Research Foundation, Inc., Dept. CN, P.O. Box 1627 Rockville, Maryland 20850 U.S.A.

RESOURCES FOR TEXTILE INDUSTRY DEVELOPMENT — The following publications are available from the American Textile Machinery Association. "U.S. Textile Machinery Guide" provides an introduction to the products and services of ATMA members and affiliates, listing addresses, phone numbers, and contacts. Product category listings are provided in Spanish and German. "High Tech Study" (160 pages) is a multi-industry study focusing on the application of high technology to the production of fiber, textiles, and apparel. WRITE: American Textile Machinery Association, 7297 Lee Highway, Ste. N, Falls Church, Virginia 22042 U.S.A.

TEXTILE INDUSTRY PERIODICALS — "Textile Products and Processes" is a bimonthly publication devoted exclusively to new products and manufacturing techniques. Featuring an easily read format and convenient reader cards, it is said to generate hundreds of inquiries about the products and services that comprise its editorial. Published monthly, "Textile World," McGraw Hill's international textile magazine, provides textile management with information on new equipment, methodology, and

best copy available

managerial guidance. WRITE: Textile World, 4170 Ashford-Dunwoody Rd., Ste. 420, Atlanta, Georgia 30319 U.S.A.

NEWSLETTER COVERS ARTIFICIAL INTELLIGENCE — Published monthly, "AI Trends Newsletter" covers the Artificial Intelligence industry from a business viewpoint. Regular features include analyses of the semiconductor industry and new technologies, news commentary, company profiles, and product reviews. The subscription rate is $345 prepaid. WRITE: Harvey P. Newquist III, DM Data, Inc., Dept. CN, 6900 E. Camelback Dr., #1000, Scottsdale, Arizona 85251 U.S.A.

U.S. FIRMS OVERSEAS — The tenth edition of the "Directory of American Firms Operating in Foreign Countries" lists in three volumes over 3,200 parent companies headquartered in the U.S., along with 21,000 foreign branches. Names, addresses, and products or services are also given. The price is $150 plus postage and handling. WRITE: June Rogers, Uniworld Business Publications, 50 E. 42nd St., New York, New York 10017 U.S.A.

UNIQUE DICTIONARY PROVIDES PROCESS WORDS — Translators, technical writers, librarians, specification engineers, and advertising copywriters will be interested in "The Wordtree," which contains cross-referenced process words in 25,000 categories. Priced at $149, this unique English dictionary is said to contain 30 percent more transitive verbs than the Oxford Unabridged Dictionary. WRITE: Dr. Henry G. Burger, The Wordtree, Dept. CN, 7306 Brittany, Merriam, Kansas 66203-4699 U.S.A.

REAL ESTATE INFORMATION — The "International Real Estate Journal" contains information on real estate finance, development, investment, and valuation. Distributed to over 100 countries, it features articles from various nations in each issue. The publication is printed three times a year and costs $40. WRITE: Robert G. Johnson, Exec. Dir., International Real Estate Institute, Dept. CN, 8715 Via de Commercio, Scottsdale, Arizona 85258 U.S.A.

ACCOUNTING FOR BUILDERS — Published by the National Association of Home Builders, "Accounting and Financial Management" shows company owners how to maintain tighter job cost control through standardized financial reporting. The book covers basic accounting, financial planning, job cost accounting, and data processing applications in financial management. It is available for $18 for NAHB mambers and $22.50 for nonmembers. Orders must be accompanied by $2 for handling. WRITE: Publication Orders, Accounting Div., National Association of Home Builders, Dept. CN, 15th and M Sts. NW., Washington, D.C. 20005 U.S.A.

SHIPBUILDING AROUND THE WORLD — "The World Shipbuilding Industry" describes the distribution, production process, and organization of shipbuilding around the world. The book underscores the distinction between expanding and contracting shipbuilding and addresses the supply and demand factors peculiar to the industry. The price is $37.50. WRITE: Eugenia M. Kelly, Publicity Mgr., St. Martin's Press, Scholarly Div., Dept. CN, 175 5th Ave., New York, New York 10010 U.S.A.

GUIDE TO CONSTRUCTION EQUIPMENT — The "Construction Equipment Guide" is produced for manufacturers, dealers, agents, and contractors. This $150 publication, which has a circulation of 25,000, contains news about the construction industry; photos and information on new equipment; pricing; and labor news. The price is $150. WRITE: Edwin M. McKeon, Construction Equipment Guide, Dept. CN, 141 E. Glenside Ave., Glenside Pennsylvania 19038 U.S.A..

CONCRETE CONSTRUCTION MAGAZINE — "Concrete Construction" is a monthly magazine that provides general contractors, acrhitects, engineers, and manufacturers with information about new technology, concrete basics, and troubleshooting advice. Also presented are product data and a calendar of trade shows and association meetings in the U.S. and abroad. Subscriptions in Canada and Mexico are $18 for one year and $45 for three years. The cost for other locations is $60 for one year and $180 for three years. WRITE: Jeanne Garrett, Concrete Construction Publications, Inc., Dept. CN, 426 S. Westgate, Addison, Illinois 60101 U.S.A.

CONCRETE TECHNOLOGY REFERENCE — "Access to the World's Most Complete Concrete Technical Library," published by the American Concrete Institute (ACI), lists over 200 publications on concrete technology, structural design, and concrete construction. The guide includes all ACI standards, codes, and specifications and contains descriptions of design handbooks, monographs, symposia, bibliographies and special publications. WRITE: John E. Wharton, The American Concrete Institute, P.O. Box 19150, Detroit, Michigan 48219 U.S.A. Telex: 810-221-1454.

POWER EQUIPMENT BUYERS GUIDE — "Diesel & Gas Turbine Worldwide" is an 1,800-page comprehensive national buyers guide and manufactuerers product directory. An annually published source for engineering, operating, and service management, it contains information and statistical/ specifying data on engine power transmission, generation, compression, and propulsion system products. The list price for this publication is $75 postpaid, with an additional $20 for airmail overseas. WRITE: Louis A. Peccarelli, Diesel & Gas Turbine Publications, Dept. CN, 13555 Bishops Court, Brookfield, Wisconsin 53008-0943 U.S.A. Telex: 26-9564.

DIESEL UPDATE — The "High Speed Diesel Report" provides a communication medium between manufacturers of engine drive systems, components, and accessory equipment and the original equipment and end-user markets. This bimonthly magazine presents state-of-the-art technology in all phases of total power train development, application, testing, service, and operation. Complimentary subscriptions are available to qualified industry personnel. WRITE: Robert E. Schulz, Diesel & Gas Turbine Publication, Dept. CN, 13555 Bishops Court, Brookfield, Wisconsin 53005 U.S.A. Telex: 26-9564.

EQUIPMENT COST GUIDE — The "Constractors' Equipment Cost Guide" is based on the actual reported costs of more than 8,000 pieces of construction machinery. Updated monthly for accurate cost estimation and tracking, it includes instructions for adjusting the figures for different locations. The publication is priced at $225. WRITE: Robert O. Middleton, Dir. of Mktg. Services, Dataquest Inc., Dept. CN, 1290 Ridder Park Dr., San Jose, California 95131-2398 U.S.A. Telex: 17-1973.

SPECIFICATION DATA -- This firm's "Specification Data Series" provides subscribers with current, regularly updated technical data on construction equipment. Organized by product type, these 18 separately available volumes provide easy access to reproductions of specification sheets distributors receive from manufacturers. The price is $225. WRITE: Robert O. Middleton, Dir. of Mktg. Services, Dataquest Inc., Dept. CN, 1290 Ridder Park Dr., San Jose, California 95131-2398 U.S.A. Telex: 17-1973.

POWER EQUIPMENT BUYERS GUIDE — "Diesel & Gas Turbine Worldwide" is an 1,800-page comprehensive international buyers guide and manufactuerers product directory. An annually published source for engineering, operating, and service management, it contains information and statistical/ specifying data on engine power transmission, generation, compression, and propulsion system products. The list price for this publication is $75 postpaid, with an additional $20 for airmail overseas. WRITE: Louis A. Peccarelli, Diesel & Gas Turbine Publications, Dept. CN, 13555 Bishops Court, Brookfield, Wisconsin 53008-0943 U.S.A. Telex: 26-9564.

EXPORT MANAGEMENT GUIDE — In a concise, readable style, "Practical Export Management" provides a guide to the practicalities of entering international markets, and a broad introduction to "hands-on" export management. A glossary of standard export terms is included. The price is $22.50 for the cloth-bound edition and $11.50 for the paperback. WRITE: Allen & Unwin, Inc., Dept. CN, 50 Cross St., Winchester, Massachusetts 01890 U.S.A.

ACCOUNTING FOR BUILDERS -- Published by the National Association of Home Builders, "Accounting and Financial Management" shows company owners how to improve job cost control through standardized financial reporting. The book covers basic accounting, financial planning, job cost accounting, and data processing applications. The price is $18 for NAHB members and $22.50 for nonmembers. Orders must be accompanied by $2 for handling. WRITE: Publication Orders, Accounting Div., National Association of Home Builders, Dept. CN, 15th & M Sts. NW., Washington, D.C. 20005 U.S.A.

AUTO MAINTENANCE GUIDE -- "How to get 175,000 Miles from Your Car" explains car-saving maintenance procedures in simple, nontechnical terms. Written for car owners who lack mechanical expertise, this illustrated "how-to" book costs $5. Agents and distributors are sought. WRITE: Joseph Grieco, Dept. CN, P.O. Box 1262, San Juan Capistrano, California 92693 U.S.A.

GUIDE TO INTERNATIONAL EMPLOYMENT -- The seventh edition of "Looking for Employment in Foreign Countries" offers advice on applying for jobs overseas with the U.S. Government, in private industry, or with nonprofit organizations. Recommended to teachers, market researchers, technicians, and other qualified personnel, the guide explains how to obtain work permits, reports on skills needed in different countries, and includes sample resumes and cover letters. The price is $16.50, plus postge and handling. WRITE: World Trade Academy Press, Dept. CN, 50 E. 42nd St., New York, New York 10017 U.S.A.

COMPREHENSIVE INDEX OF ASAE PUBLICATIONS -- This annual compilation of technical papers and other publications on agricultural crops, equipment, and engineering is published by the American Society of Agricultural Engineers. It contains an alphabetical listing of topics and authors. The 1985 index will be available in March of 1986, and the price is $5.00. WRITE: ASAE, Dept. 1926, 2950 Niles Rd., St. Joseph, Michigan 49085-9659 U.S.A.

CONSULTING AGRICULTURAL ENGINEERS — A roster of registered professional Consulting Agricultural Engineers published by the American Society of Agricultural Engineers, this publication lists the consultants' specialities, availability, and geographic area of service. The price is $5.00. WRITE: American Society of Agricultural Engineers, 2950 Niles Rd., St. Joseph, Michigan 49085-9659 U.S.A.

THE MODERN WAY TO EFFICIENT MILKING -- A step-by-step guide to milking, this publication contains helpful hints on topics such as milking and milking procedures, selecting proper equipment, and mastitis control. The price is $1.50. WRITE: Farm and Industrial Equipment Institute, 410 N. Michigan Ave., Chicago, Illinois 60611 U.S.A.

TECHNOLOGY 1985 ISSUE, AGRICULTURAL ENGINEERING — This publication features a product directory of over 1,100 agricultural equipment product headings; a company directory with a listing of companies, addresses, and phone numbers; a comphrehensive description of products representing new technology; and industry statistics and agricultural outlook. The list price is $200.00 postpaid. WRITE: TECHNOLOGY 1985, American Society of Agricultural Engineers, 2950 Niles Rd., St. Joseph, Michigan 49085-9659 U.S.A.

ASAE 1985 PUBLICATIONS — This Agrobusiness guide lists new titles, perodicals, general interest agricultural publications, historical books, and technical books. It is free of charge. Also available at no cost is the 1985 SUBJECT INDEX TO ASAE STANDARDS, ENGINEERING PRACTICES, AND DATA. WRITE: American Society of Agricultural Engineers, 2950 Niles Rd., St. Joseph, Michigan 49085-9659 U.S.A.

WHO IS WHO: A DIRECTORY OF AGRICULTURAL ENGINEERS AVAILABLE FOR WORK IN DEVELOPING COUNTRIES (C0685) — Containing over 600 biographical data listings covering individuals from nearly 60 countries, this book provides easy access to available expertise. Inside are names and addresses of reputable specialists who may be contacted to help solve agricultural engineering problems in developing countries. This list price is $25.00 WRITE: American Society of Agricultural Engineers, Dept. 1602, 2950 Niles Rd., St. Joseph, Michigan 49085-9659 U.S.A.

SIRE SUMMARIES — Linear type trait profiles of the top performance Holstein bulls shows exactly how successfully each bull transmits specific functional type raits. The most authoritative information of its kind in the dairy breeding business to help the dairy farmer choose the right sires to improve herd performance, it is updated two times a year. The price is $35.00 prepaid air mail. WRITE: Performance SIRE SUMMARIES, Holstein Association, 1 S. Main St., Brattleboro, Vermont 05301 U.S.A.

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